

Series 490/579/589



AVENTICS™

**AVENTICS Series 490/579/589
Directional Control Valves**


EMERSON™

Series 490/579/589

The AVENTICS Series 490/579/589 have a robust polymer housing that can be mounted individually or as a block. They cover a large range of voltages and feature fast connections for pneumatic tubing.

- Integrated connections
- Individual or block assemblies available
- Extensive voltage range
- Series suitable for dusty environments



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Product overview

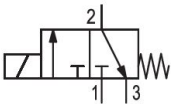
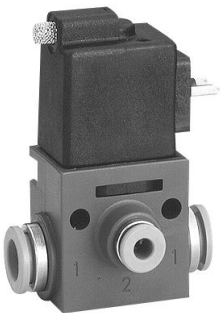
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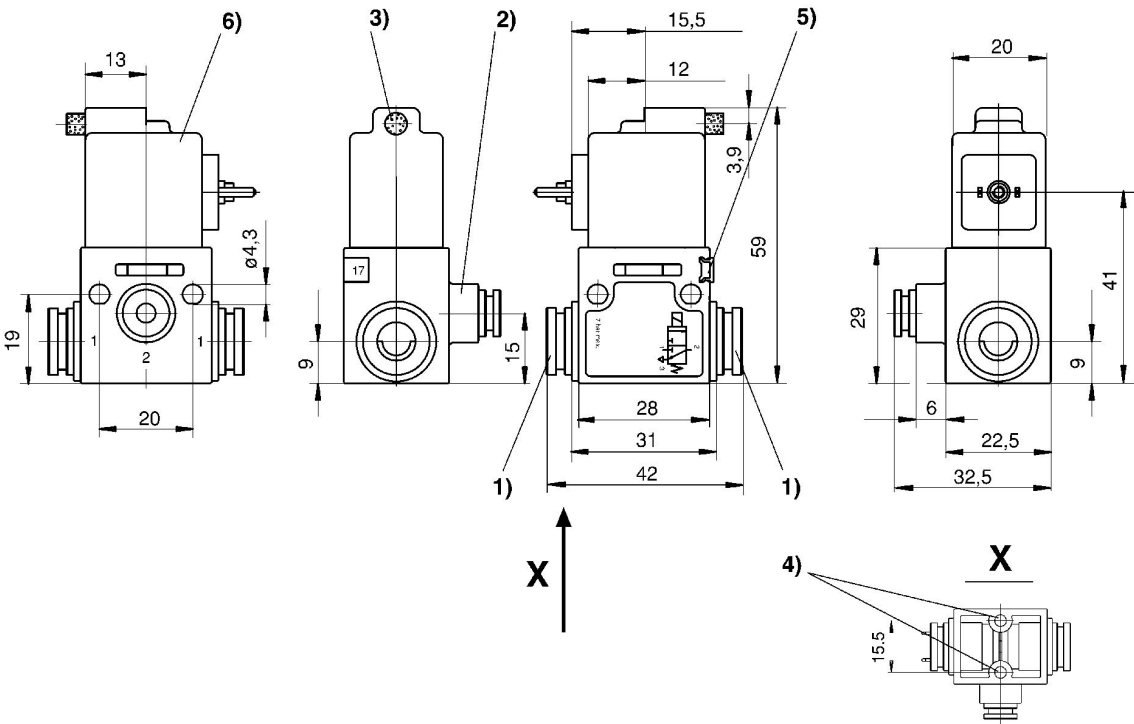
3/2-directional valve, Series 490, Min. working pressure 0 bar

Flow: 50 l/min
Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 0 bar ... 7 bar



Version	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Pilot	Part No.
NC	3/2, with spring return	50	Ø 8	Ø 4	24 V DC	- 5 % / +10 %	Internal	5724990220

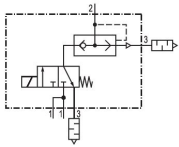
Dimensions



1) port 1 2) port 2 3) exhaust 4) pocket hole 6 mm deep for 3.5 self-tapping screw 5) mounting space for name plate 6) coil can be rotated at 180° intervals

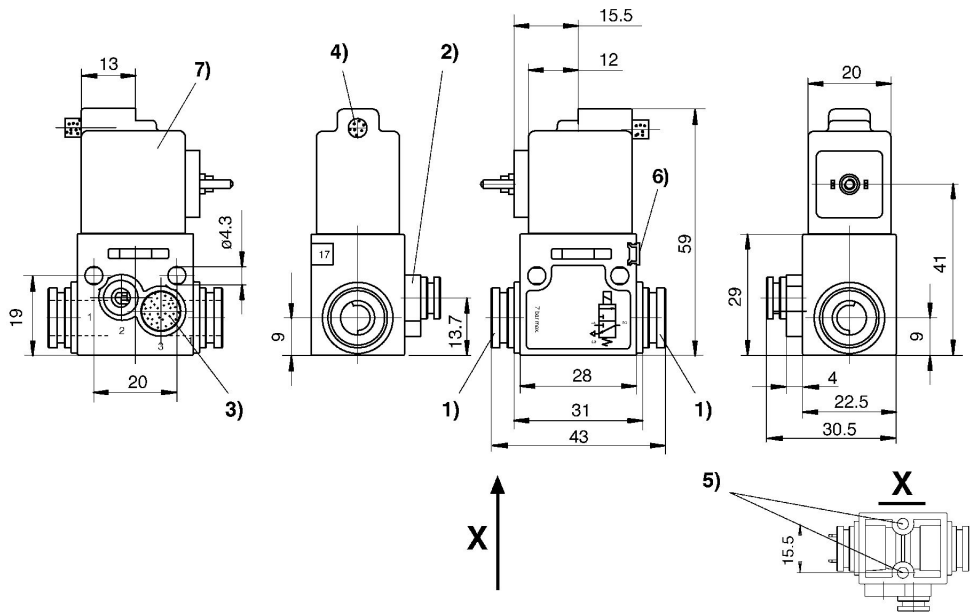
3/2-directional valve, Series 490, Min. working pressure 4 bar

Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 4 bar ... 7 bar



Version	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Pilot	Part No.
NC	3/2, with spring return	Ø 8	Ø 4	24 V DC	-20 % / +20 %	Internal	5724970220

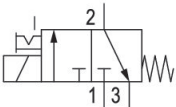
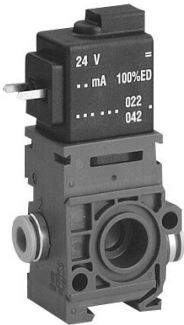
Dimensions



1) Port 1 2) Port 2 3) Exhaust 4) Exhaust 5) Pocket hole 6 mm deep for 3.5 self-tapping screw 6) Mounting space for name plate 7) Coil can be rotated at 180° intervals

3/2-directional valve, Series 579

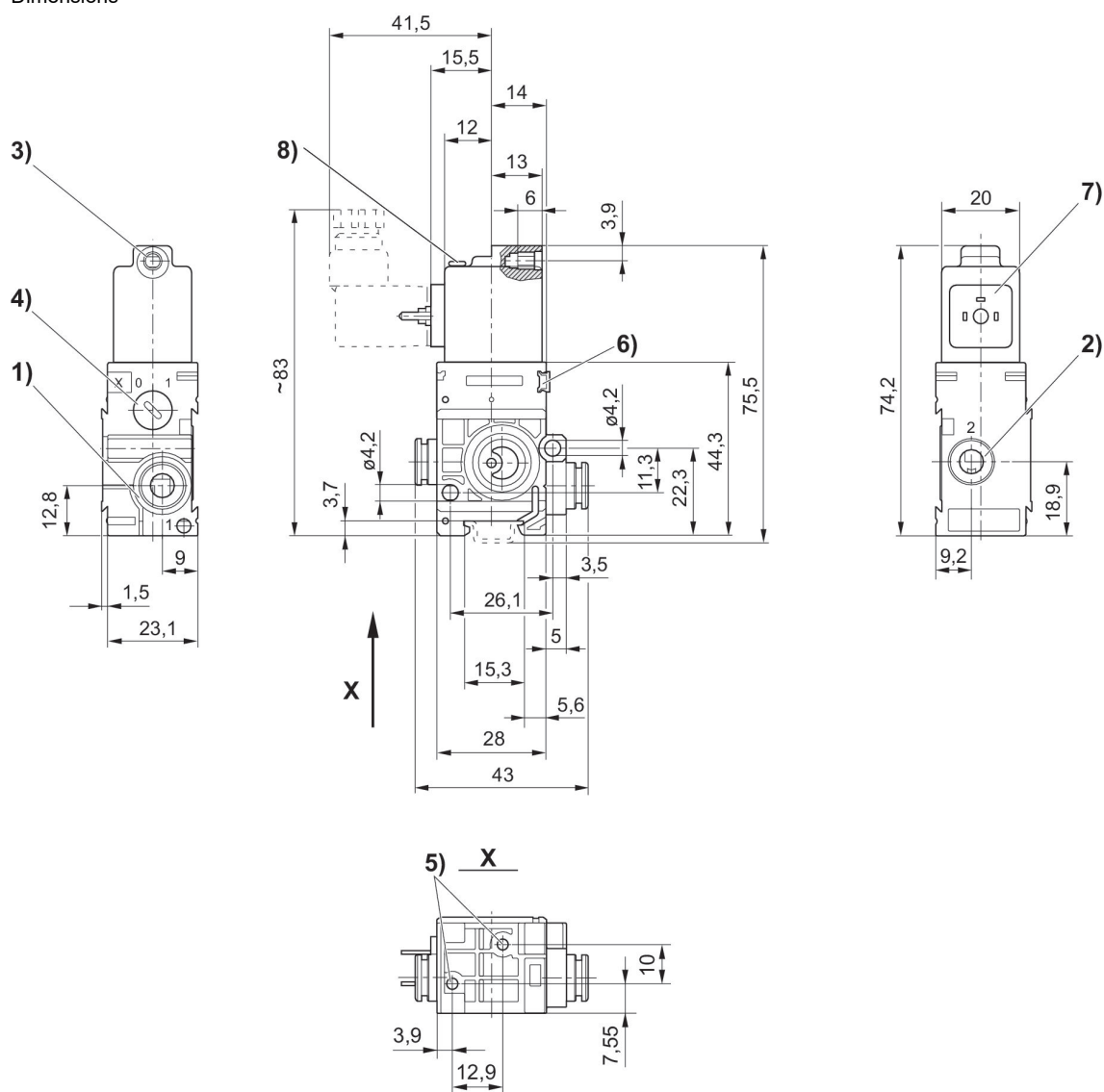
Flow: 50 l/min
Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 0 bar ... 7 bar



Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Part No.
NC	Single valve	3/2, with spring return	50	Ø 6x1	Ø 6x1	12 V DC	-10 % / +10 %	5794000210
NC	Single valve	3/2, with spring return	50	Ø 6x1	Ø 6x1	24 V DC	-10 % / +10 %	5794000220
NC	Single valve	3/2, with spring return	50	Ø 6x1	Ø 6x1	24 V DC	-10 % / +10 %	5794000620
NC	Single valve	3/2, with spring return	50	Ø 6x1	Ø 6x1	24 V AC		5794005220
NC	Single valve	3/2, with spring return	50	Ø 6x1	Ø 6x1	110 V AC		5794005270
NC	Single valve	3/2, with spring return	50	Ø 6x1	Ø 6x1	230 V AC		5794005280

Manual override	LED	Part No.
with detent		5794000210
with detent		5794000220
with detent	Red	5794000620
with detent		5794005220
with detent		5794005270
with detent		5794005280

Dimensions



1) Port 1 2) Port 2 3) Port 3, core Ø for M5 4) Manual override 5) Pocket hole 6 mm deep for 3.5 self-tapping screw 6) Mounting space for name plate 7) Coil can be rotated at 180° intervals 8) LED

3/2-directional valve, Series 579

Activation: Electrically

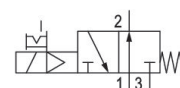
Duty cycle: 100 %

Type: Poppet valve

Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 2 bar ... 8 bar

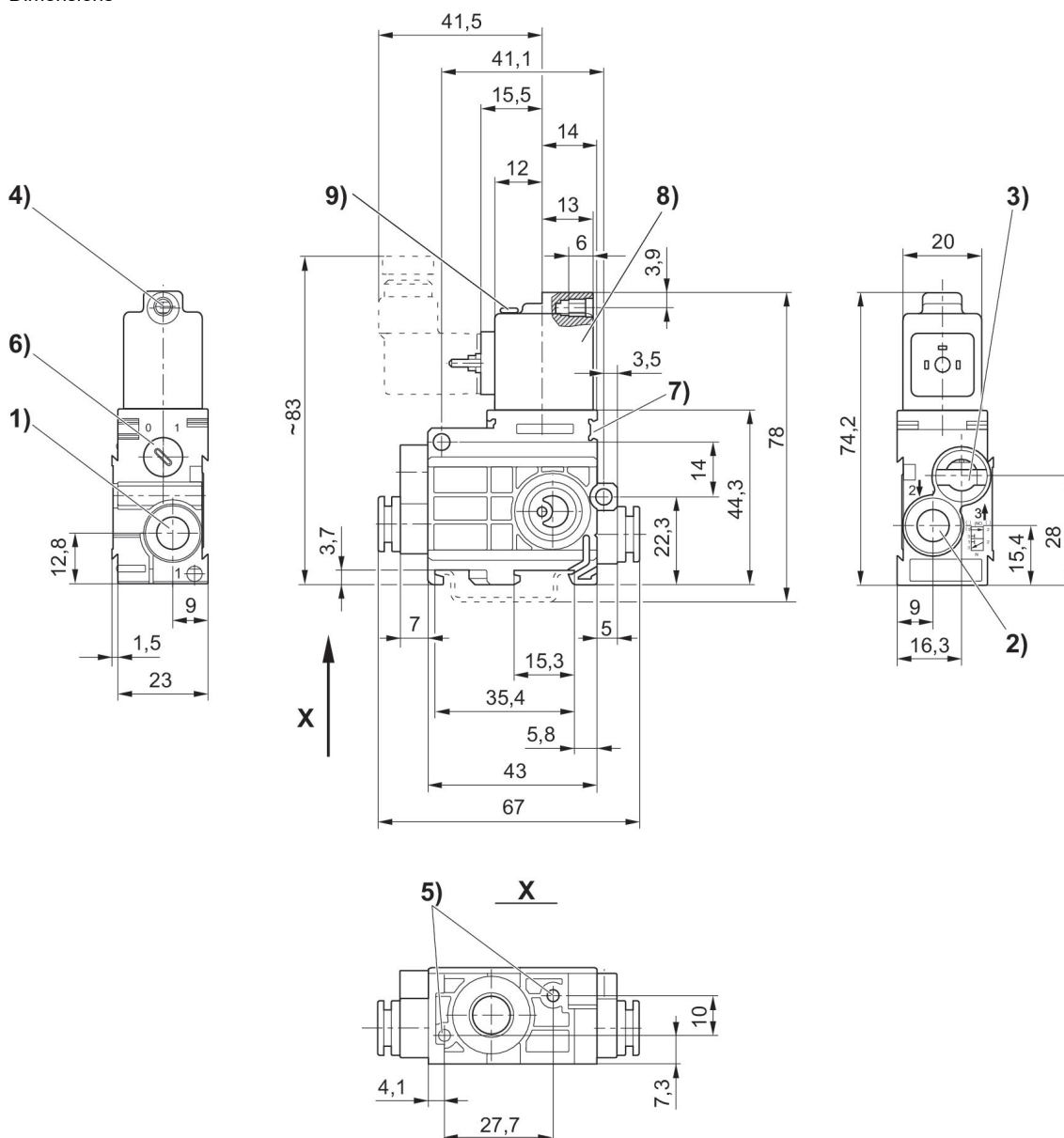


Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Part No.
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	12 V DC	-10 % / +10 %	5794410210
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	-10 % / +10 %	5794410220
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	-10 % / +10 %	5794410620
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V AC		5794415220
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	110 V AC		5794415270
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC		5794415280
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC		5794415680
NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	12 V DC	-10 % / +10 %	5794610210
NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	-10 % / +10 %	5794610220
NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	-10 % / +10 %	5794610620
NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V AC		5794615220
NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	110 V AC		5794615270
NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC		5794615280
NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC		5794615680

Pilot	Manual override	LED	Part No.
Internal	with detent		5794410210
Internal	with detent		5794410220

Pilot	Manual override	LED	Part No.
Internal	with detent	Red	5794410620
Internal	with detent		5794415220
Internal	with detent		5794415270
Internal	with detent		5794415280
Internal	with detent	Red	5794415680
Internal	with detent		5794610210
Internal	with detent		5794610220
Internal	with detent	Red	5794610620
Internal	with detent		5794615220
Internal	with detent		5794615270
Internal	with detent		5794615280
Internal	with detent	Red	5794615680

Dimensions



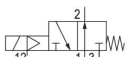
1) Port 1 2) Port 2 3) Port 3, exhaust air must not be throttled 4) Core Ø for M5 5) Pocket hole 6 mm deep for 3.5 self-tapping screw 6) Manual override 7) Mounting space for name plate 8) Coil can be rotated at 180° intervals 9) LED

3/2-directional valve, Series 579

Activation: Electrically
Control pressure min./max.: 2 bar ... 8 bar
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 0.5 bar ... 8 bar



	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	12 V DC	5794420210
	NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	5794420220
	NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	12 V DC	5794420620
	NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V AC	5794425220
	NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	110 V AC	5794425270
	NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5794425280
	NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5794425680
	NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	12 V DC	5794620210
	NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	5794620220
	NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	5794620620
	NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V AC	5794625220
	NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	110 V AC	5794625270
	NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC	5794625280

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC	5794625680

Voltage tolerance DC	Min. control pressure [bar]	Max. control pressure [bar]	Pilot	LED	Part No.
-10 % / +10 %	2	8	External		5794420210
-10 % / +10 %	2	8	External		5794420220
-10 % / +10 %	2	8	External	Red	5794420620
	2	8	External		5794425220
	2	8	External		5794425270
	2	8	External		5794425280
	2	8	External	Red	5794425680
-10 % / +10 %	2	8	External		5794620210
-10 % / +10 %	2	8	External		5794620220
-10 % / +10 %	2	8	External	Red	5794620620
	2	8	External		5794625220
	2	8	External		5794625270
	2	8	External		5794625280
	2	8	External	Red	5794625680

3/2-directional valve, Series 579

Activation: Electrically

Duty cycle: 100 %

Type: Poppet valve

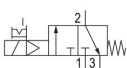
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 2 bar ... 8 bar

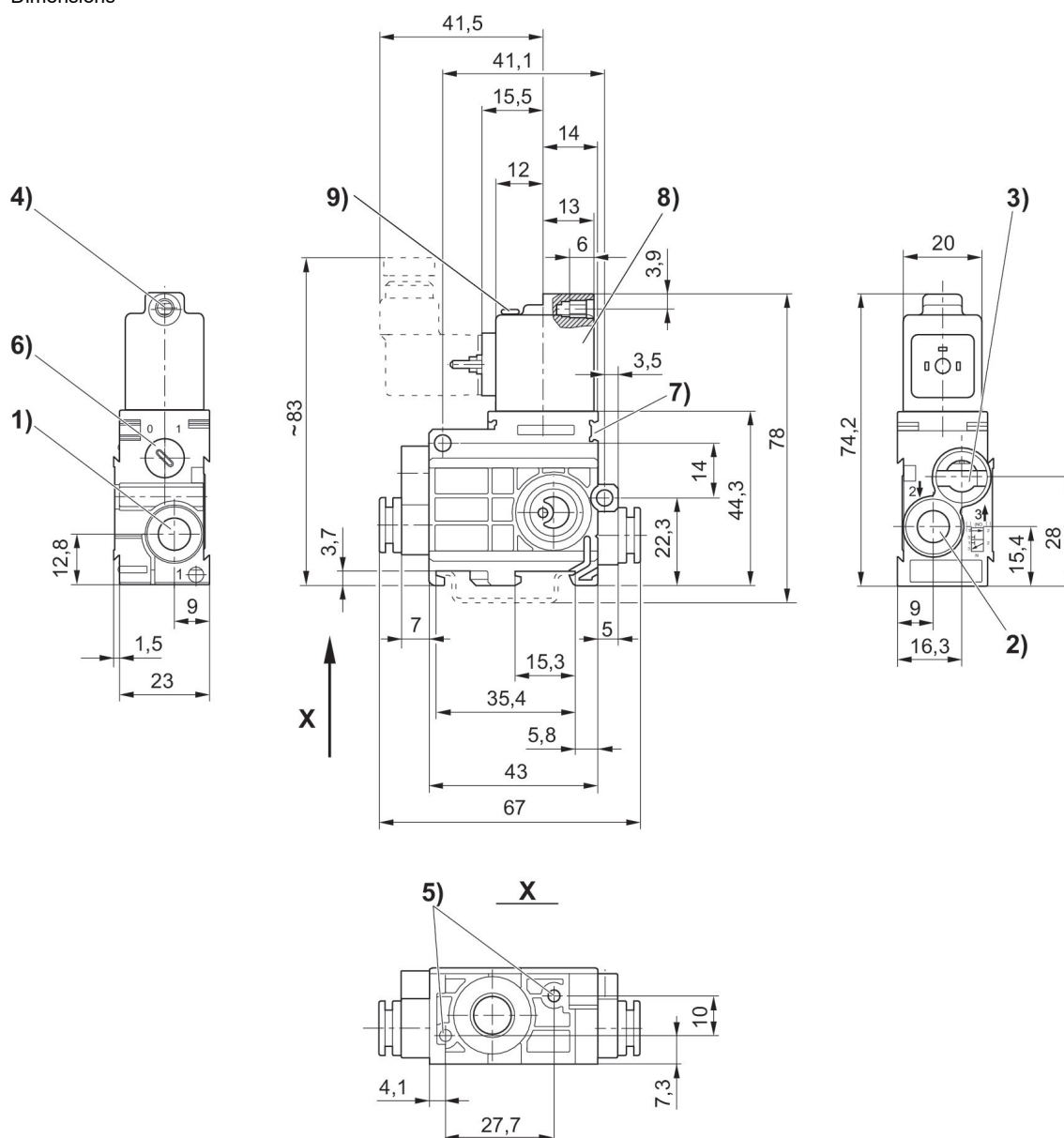


	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	12 V DC	5794400210
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	5794400220
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	5794400620
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V AC	5794405220
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	110 V AC	5794405270
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5794405280
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5794405680
	NC	Single valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	12 V DC	5794600210
	NC	Single valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V DC	5794600220
	NC	Single valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V DC	5794600620
	NC	Single valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V AC	5794605220
	NC	Single valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	110 V AC	5794605270
	NC	Single valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	230 V AC	5794605280

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Single valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	230 V AC	5794605680

Voltage tolerance DC	Pilot	Manual override	LED	Part No.
-10 % / +10 %	Internal	with detent		5794400210
-10 % / +10 %	Internal	with detent		5794400220
-10 % / +10 %	Internal	with detent	Red	5794400620
	Internal	with detent		5794405220
	Internal	with detent		5794405270
	Internal	with detent		5794405280
	Internal	with detent	Red	5794405680
-10 % / +10 %	Internal	with detent		5794600210
-10 % / +10 %	Internal	with detent		5794600220
-10 % / +10 %	Internal	with detent	Red	5794600620
	Internal	with detent		5794605220
	Internal	with detent		5794605270
	Internal	with detent		5794605280
	Internal	with detent	Red	5794605680

Dimensions



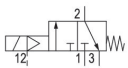
1) Port 1 2) Port 2 3) Port 3, exhaust air must not be throttled 4) Core Ø for M5 5) Pocket hole 6 mm deep for 3.5 self-tapping screw 6) Manual override 7) Mounting space for name plate 8) Coil can be rotated at 180° intervals 9) LED

3/2-directional valve, Series 579

Activation: Electrically
Control pressure min./max.: 2 bar ... 8 bar
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 0.5 bar ... 8 bar

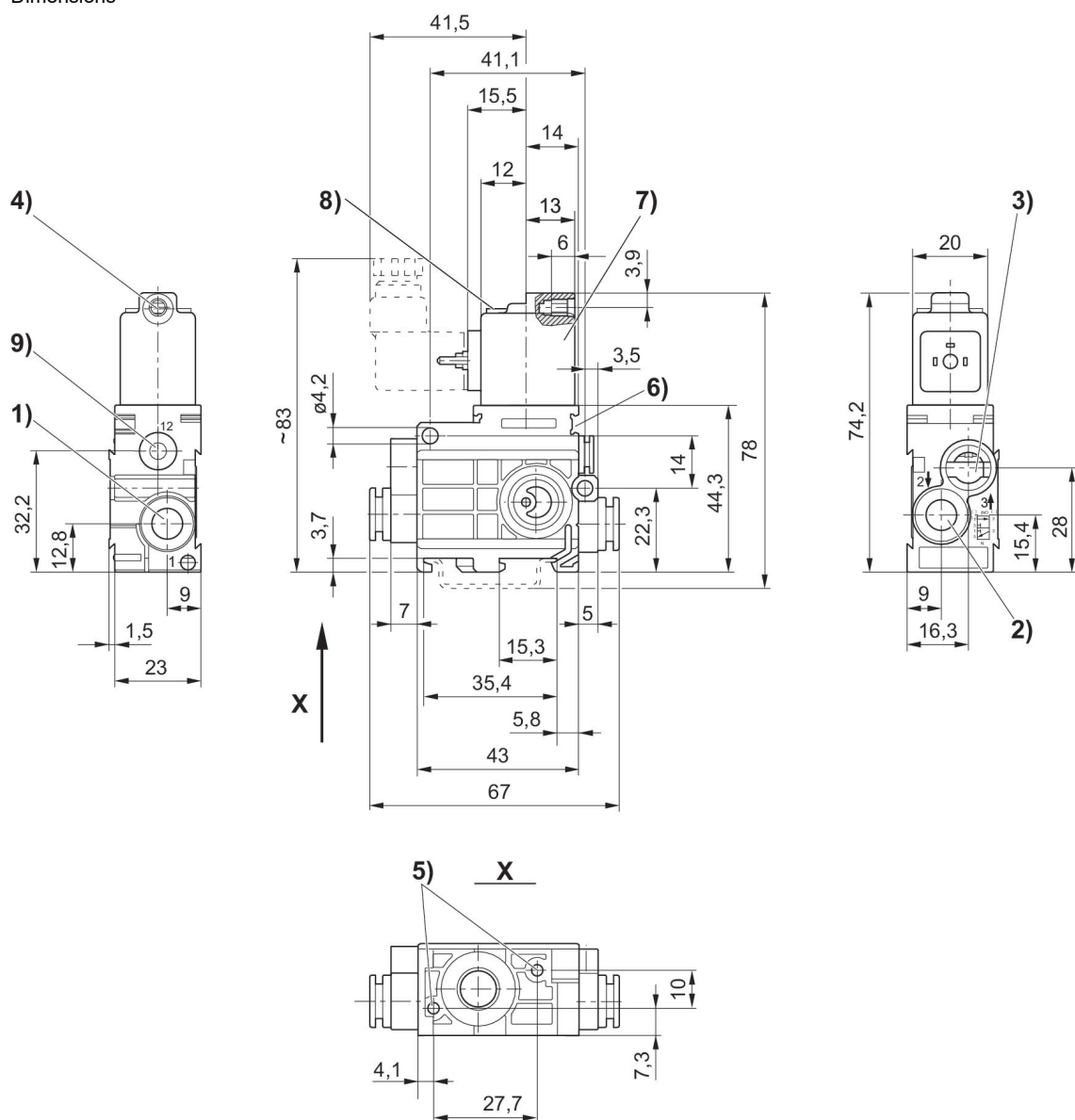


	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V AC	5794475220
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	110 V AC	5794475270
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5794475280
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5794475680
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	12 V DC	5794470210
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	5794470620
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	5794470220
	NC	Single valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	12 V DC	5794670210
	NC	Single valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V DC	5794670220
	NC	Single valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V DC	5794670620
	NC	Single valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V DC	5794675220
	NC	Single valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	110 V DC	5794675270
	NC	Single valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	230 V AC	5794675280

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Single valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	230 V AC	5794675680

Voltage tolerance DC	Min. control pressure [bar]	Max. control pressure [bar]	Pilot	LED	Part No.
	2	8	External		5794475220
	2	8	External		5794475270
	2	8	External		5794475280
	2	8	External	Red	5794475680
-10 % / +10 %	2	8	External		5794470210
-10 % / +10 %	2	8	External	Red	5794470620
-10 % / +10 %	2	8	External		5794470220
-10 % / +10 %	2	8	External		5794670210
-10 % / +10 %	2	8	External		5794670220
-10 % / +10 %	2	8	External	Red	5794670620
	2	8	External		5794675220
	2	8	External		5794675270
	2	8	External		5794675280
	2	8	External	Red	5794675680

Dimensions



1) Port 1 2) Port 2 3) Port 3, exhaust air must not be throttled 4) Core Ø for M5 5) Pocket hole 6 mm deep for 3.5 self-tapping screw 6) Mounting space for name plate 7) Coil can be rotated at 180° intervals 8) LED 9) Port 12

3/2-directional valve, Series 579, Valve unit

Flow: 50 l/min

Activation: Electrically

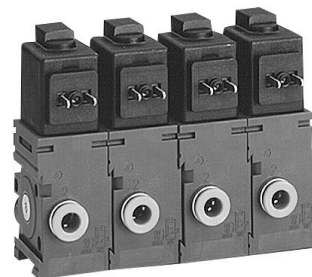
Duty cycle: 100 %

Type: Poppet valve

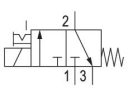
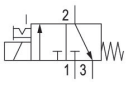
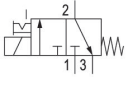
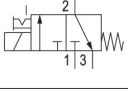
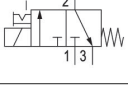
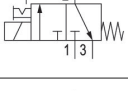
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 0 bar ... 7 bar



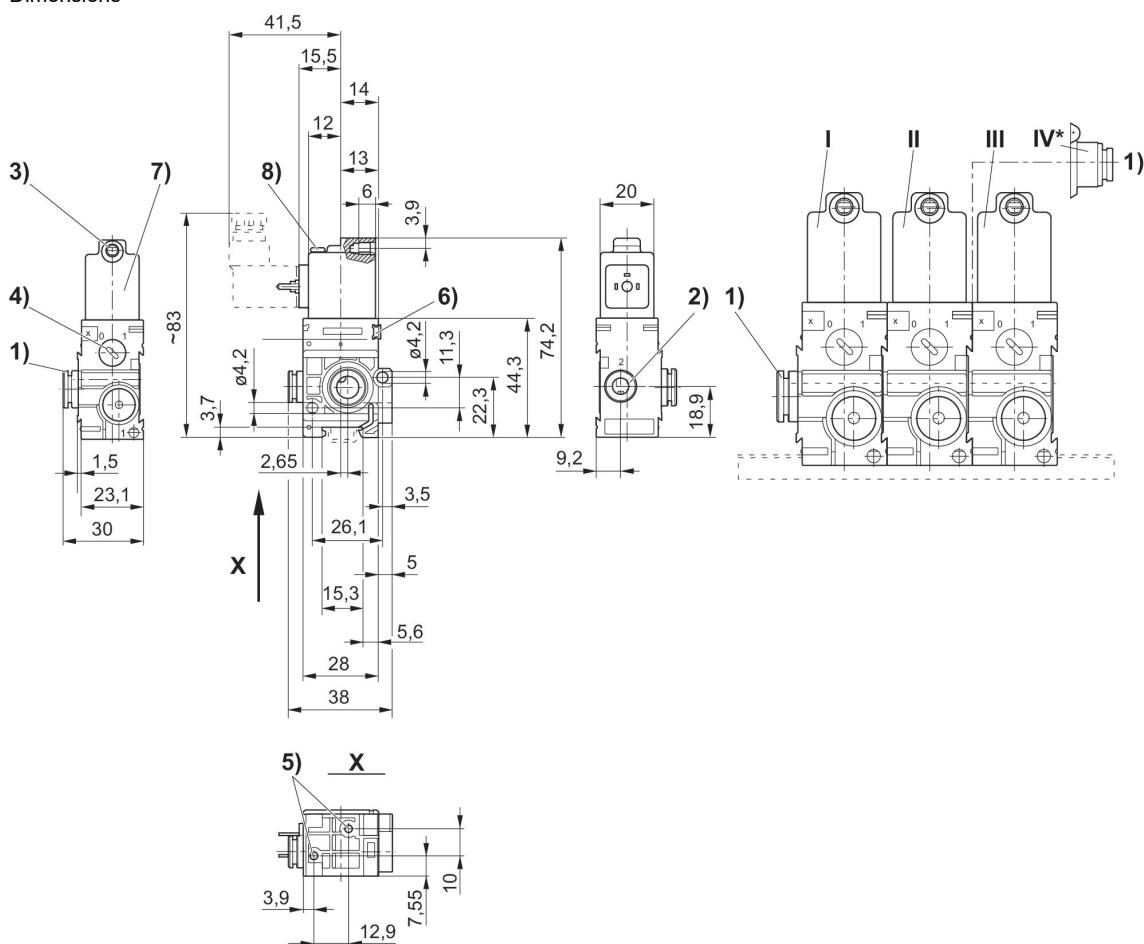
	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Inlet valve	3/2, with spring return	50	Ø 8x1	Ø 6x1	12 V DC	5790200210
	NC	Inlet valve	3/2, with spring return	50	Ø 8x1	Ø 6x1	24 V DC	5790200220
	NC	Inlet valve	3/2, with spring return	50	Ø 8x1	Ø 6x1	24 V DC	5790200620
	NC	Inlet valve	3/2, with spring return	50	Ø 8x1	Ø 6x1	24 V AC	5790205220
	NC	Inlet valve	3/2, with spring return	50	Ø 8x1	Ø 6x1	110 V AC	5790205270
	NC	Inlet valve	3/2, with spring return	50	Ø 8x1	Ø 6x1	230 V AC	5790205280
	NC	Inlet valve	3/2, with spring return	50	Ø 8x1	Ø 6x1	230 V AC	5790205680
	NC	Stacking valve	3/2, with spring return	50		Ø 6x1	12 V DC	5791200210
	NC	Stacking valve	3/2, with spring return	50		Ø 6x1	24 V DC	5791200220
	NC	Stacking valve	3/2, with spring return	50		Ø 6x1	24 V DC	5791200620
	NC	Stacking valve	3/2, with spring return	50		Ø 6x1	24 V AC	5791205220

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Stacking valve	3/2, with spring return	50		Ø 6x1	110 V AC	5791205270
	NC	Stacking valve	3/2, with spring return	50		Ø 6x1	230 V AC	5791205280
	NC	Stacking valve	3/2, with spring return	50		Ø 6x1	230 V AC	5791205680
	NC	End valve	3/2, with spring return	50		Ø 6x1	12 V DC	5792200210
	NC	End valve	3/2, with spring return	50		Ø 6x1	24 V DC	5792200220
	NC	End valve	3/2, with spring return	50		Ø 6x1	24 V DC	5792200620
	NC	End valve	3/2, with spring return	50		Ø 6x1	24 V AC	5792205220
	NC	End valve	3/2, with spring return	50		Ø 6x1	110 V AC	5792205270
	NC	End valve	3/2, with spring return	50		Ø 6x1	230 V AC	5792205280
	NC	End valve	3/2, with spring return	50		Ø 6x1	230 V AC	5792205680

Voltage tolerance DC	Manual override	LED	Part No.
-10 % / +10 %	with detent		5790200210
-10 % / +10 %	with detent		5790200220
-10 % / +10 %	with detent	Red	5790200620
	with detent		5790205220
	with detent		5790205270
	with detent		5790205280
	with detent	Red	5790205680
-10 % / +10 %	with detent		5791200210
-10 % / +10 %	with detent		5791200220

Voltage tolerance DC	Manual override	LED	Part No.
-10 % / +10 %	with detent	Red	5791200620
	with detent		5791205220
	with detent		5791205270
	with detent		5791205280
	with detent	Red	5791205680
-10 % / +10 %	with detent		5792200210
-10 % / +10 %	with detent		5792200220
-10 % / +10 %	with detent	Red	5792200620
	with detent		5792205220
	with detent		5792205270
	with detent		5792205280
	with detent	Red	5792205680

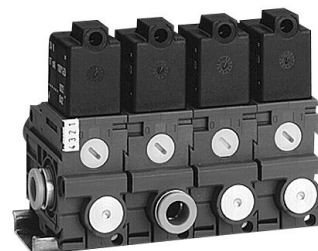
Dimensions



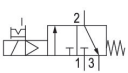
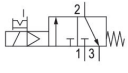
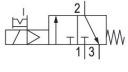
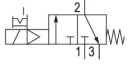
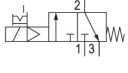
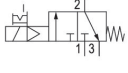
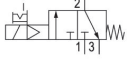
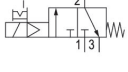
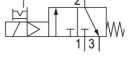
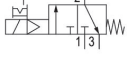
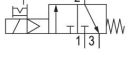
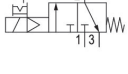
1) Port 1 2) Port 2 3) Port 3 core Ø for M5 4) Manual override 5) Pocket hole 6 mm deep for 3.5 self-tapping screw 6) Mounting space for name plate 7) Coil can be rotated at 180° intervals 8) LED * Air conn. module (item IV) mounted onto stacking valve (item II) permits additional air supply from right hand side. End valve (item III) not required.
I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Flow: 520 l/min
Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 2 bar ... 8 bar



	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	12 V DC	5790500210
	NC	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5790500220
	NC	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5790500620
	NC	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V AC	5790505220
	NC	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	110 V AC	5790505270
	NC	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5790505280
	NC	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5790505680
	NC	Stacking valve	3/2, with spring return	520		Ø 6x1	12 V DC	5791500210
	NC	Stacking valve	3/2, with spring return	520		Ø 6x1	24 V DC	5791500220
	NC	Stacking valve	3/2, with spring return	520		Ø 6x1	24 V DC	5791500620
	NC	Stacking valve	3/2, with spring return	520		Ø 6x1	24 V AC	5791505220
	NC	Stacking valve	3/2, with spring return	520		Ø 6x1	110 V AC	5791505270
	NC	Stacking valve	3/2, with spring return	520		Ø 6x1	230 V AC	5791505280

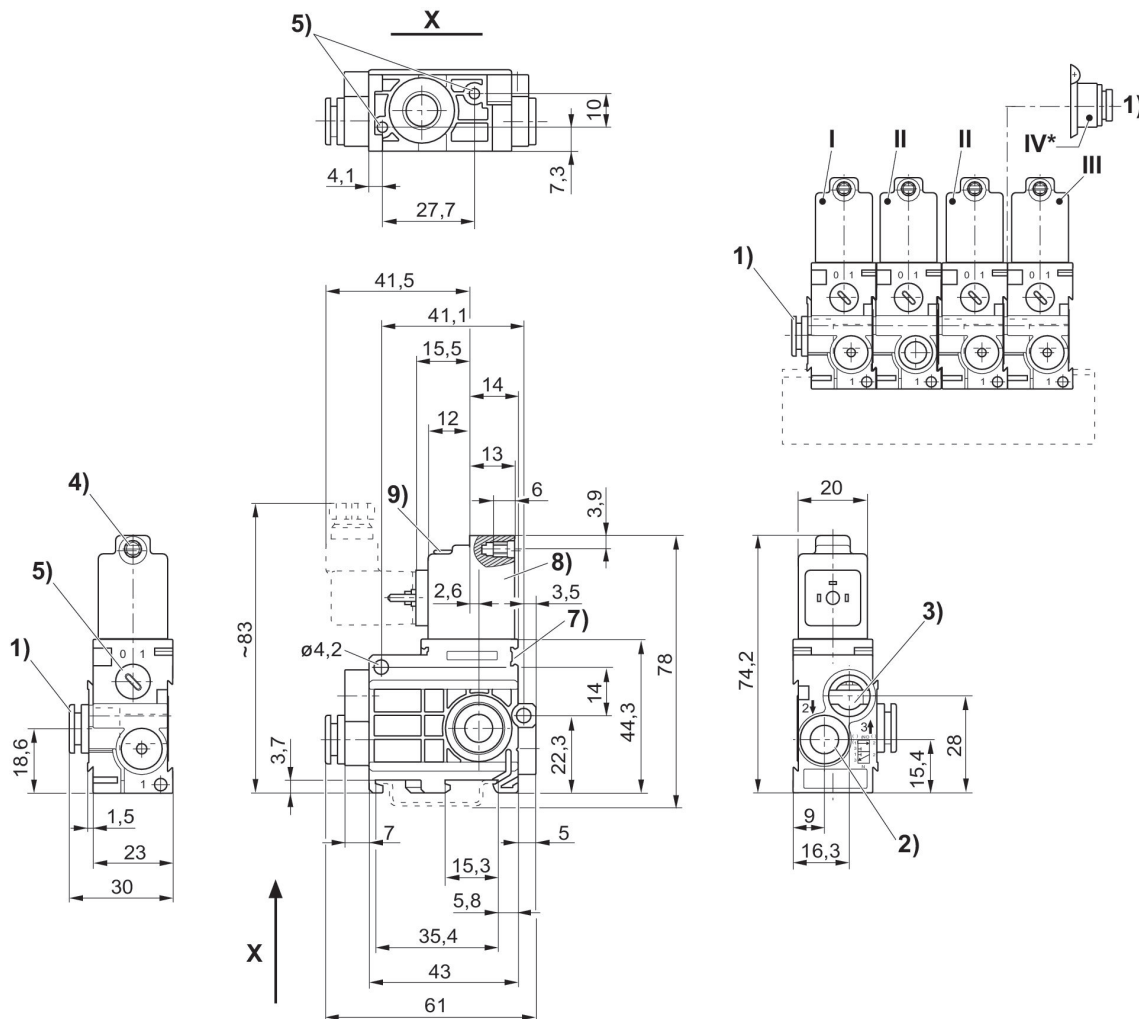
	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Stacking valve	3/2, with spring return	520		Ø 6x1	230 V AC	5791505680
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	12 V DC	5796400210
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	5796400220
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	5796400620
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V AC	5796405220
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	110 V AC	5796405270
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5796405280
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5796405680
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	12 V DC	5796500210
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5796500220
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5796500620
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V AC	5796505220

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	110 V AC	5796505270
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5796505280
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5796505680
	NC	End valve	3/2, with spring return	520		Ø 6x1	12 V DC	5792500210
	NC	End valve	3/2, with spring return	520		Ø 6x1	24 V DC	5792500220
	NC	End valve	3/2, with spring return	520		Ø 6x1	24 V DC	5792500620
	NC	End valve	3/2, with spring return	520		Ø 6x1	24 V AC	5792505220
	NC	End valve	3/2, with spring return	520		Ø 6x1	110 V AC	5792505270
	NC	End valve	3/2, with spring return	520		Ø 6x1	230 V AC	5792505280
	NC	End valve	3/2, with spring return	520		Ø 6x1	230 V AC	5792505680

Voltage tolerance DC	Pilot	Manual override	LED	Part No.
-10 % / +10 %	Internal	with detent		5790500210
-10 % / +10 %	Internal	with detent		5790500220
-10 % / +10 %	Internal	with detent	Red	5790500620
	Internal	with detent		5790505220
	Internal	with detent		5790505270
	Internal	with detent		5790505280
	Internal	with detent	Red	5790505680
-10 % / +10 %	Internal	with detent		5791500210
-10 % / +10 %	Internal	with detent		5791500220

Voltage tol- erance DC	Pilot	Manual override	LED	Part No.
-10 % / +10 %	Internal	with detent	Red	5791500620
	Internal	with detent		5791505220
	Internal	with detent		5791505270
	Internal	with detent		5791505280
	Internal	with detent	Red	5791505680
-10 % / +10 %	Internal	with detent		5796400210
-10 % / +10 %	Internal	with detent		5796400220
-10 % / +10 %	Internal	with detent	Red	5796400620
	Internal	with detent		5796405220
	Internal	with detent		5796405270
	Internal	with detent		5796405280
	Internal	with detent	Red	5796405680
-10 % / +10 %	Internal	with detent		5796500210
-10 % / +10 %	Internal	with detent		5796500220
-10 % / +10 %	Internal	with detent	Red	5796500620
	Internal	with detent		5796505220
	Internal	with detent		5796505270
	Internal	with detent		5796505280
	Internal	with detent	Red	5796505680
-10 % / +10 %	Internal	with detent		5792500210
-10 % / +10 %	Internal	with detent		5792500220
-10 % / +10 %	Internal	with detent	Red	5792500620
	Internal	with detent		5792505220
	Internal	with detent		5792505270
	Internal	with detent		5792505280
	Internal	with detent	Red	5792505680

Dimensions



1) Port 1 2) Port 2 3) Port 3, exhaust air must not be throttled 4) Core Ø for M5 5) Manual override 6) Pocket hole 6 mm deep for 3.5 self-tapping screw 7) Mounting space for name plate 8) Coil can be rotated at 180° intervals 9) LED * Air conn. module (item IV) mounted onto stacking valve (item II) permits additional air supply from right hand side. End valve (item III) not required.
I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Flow: 520 l/min

Activation: Electrically

Control pressure min./max.: 2 bar ... 8 bar

Duty cycle: 100 %

Type: Poppet valve

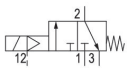
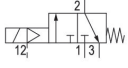
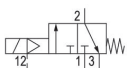
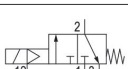
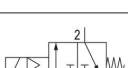
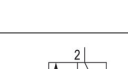
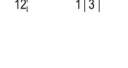
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 0.5 bar ... 8 bar



	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	12 V DC	5790570210
	NC	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5790570220
	NC	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5790570620
	NC	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V AC	5790575220
	NC	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	110 V AC	5790575270
	NC	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5790575280
	NC	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5790575680
	NC	Stacking valve	3/2, with spring return	520		Ø 6x1	12 V DC	5791570210
	NC	Stacking valve	3/2, with spring return	520		Ø 6x1	24 V DC	5791570220
	NC	Stacking valve	3/2, with spring return	520		Ø 6x1	24 V DC	5791570620
	NC	Stacking valve	3/2, with spring return	520		Ø 6x1	24 V AC	5791575220
	NC	Stacking valve	3/2, with spring return	520		Ø 6x1	110 V AC	5791575270
	NC	Stacking valve	3/2, with spring return	520		Ø 6x1	230 V AC	5791575280

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Stacking valve	3/2, with spring return	520		Ø 6x1	230 V AC	5791575680
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	12 V DC	5796470210
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	5796470220
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	5796470620
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V AC	5796475220
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	110 V AC	5796475270
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5796475280
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5796475680
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	12 V DC	5796570210
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5796570220
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5796570620
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V AC	5796575220

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	110 V AC	5796575270
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5796575280
	NC	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5796575680
	NC	End valve	3/2, with spring return	520		Ø 6x1	12 V DC	5792570210
	NC	End valve	3/2, with spring return	520		Ø 6x1	24 V DC	5792570220
	NC	End valve	3/2, with spring return	520		Ø 6x1	24 V DC	5792570620
	NC	End valve	3/2, with spring return	520		Ø 6x1	24 V AC	5792575220
	NC	End valve	3/2, with spring return	520		Ø 6x1	110 V AC	5792575270
	NC	End valve	3/2, with spring return	520		Ø 6x1	230 V AC	5792575280
	NC	End valve	3/2, with spring return	520		Ø 6x1	230 V AC	5792575680

Voltage tolerance DC	Min. control pressure [bar]	Max. control pressure [bar]	Pilot	LED	Part No.
-10 % / +10 %	2	8	External		5790570210
-10 % / +10 %	2	8	External		5790570220
-10 % / +10 %	2	8	External	Red	5790570620
	2	8	External		5790575220
	2	8	External		5790575270
	2	8	External		5790575280
	2	8	External	Red	5790575680
-10 % / +10 %	2	8	External		5791570210
-10 % / +10 %	2	8	External		5791570220

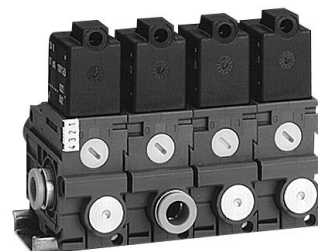
Voltage tol- erance DC	Min. control pressure [bar]	Max. control pressure [bar]	Pilot	LED	Part No.
-10 % / +10 %	2	8	External	Red	5791570620
	2	8	External		5791575220
	2	8	External		5791575270
	2	8	External		5791575280
	2	8	External	Red	5791575680
-10 % / +10 %	2	8	External		5796470210
-10 % / +10 %	2	8	External		5796470220
-10 % / +10 %	2	8	External	Red	5796470620
	2	8	External		5796475220
	2	8	External		5796475270
	2	8	External		5796475280
	2	8	External	Red	5796475680
-10 % / +10 %	2	8	External		5796570210
-10 % / +10 %	2	8	External		5796570220
-10 % / +10 %	2	8	External	Red	5796570620
	2	8	External		5796575220
	2	8	External		5796575270
	2	8	External		5796575280
	2	8	External	Red	5796575680
-10 % / +10 %	2	8	External		5792570210
-10 % / +10 %	2	8	External		5792570220
-10 % / +10 %	2	8	External	Red	5792570620
	2	8	External		5792575220
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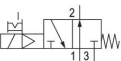
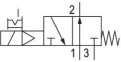
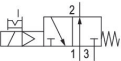
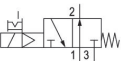
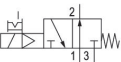
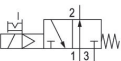
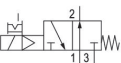
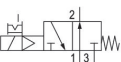
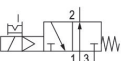
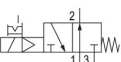
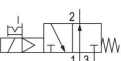
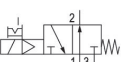
I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Flow: 520 l/min
Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 2 bar ... 8 bar



	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NO	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	12 V DC	5790510210
	NO	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5790510220
	NO	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V AC	5790515220
	NO	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5790510620
	NO	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	110 V AC	5790515270
	NO	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5790515280
	NO	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5790515680
	NO	Stacking valve	3/2, with spring return	520		Ø 6x1	12 V DC	5791510210
	NO	Stacking valve	3/2, with spring return	520		Ø 6x1	24 V DC	5791510220
	NO	Stacking valve	3/2, with spring return	520		Ø 6x1	24 V DC	5791510620
	NO	Stacking valve	3/2, with spring return	520		Ø 6x1	24 V AC	5791515220
	NO	Stacking valve	3/2, with spring return	520		Ø 6x1	110 V AC	5791515270
	NO	Stacking valve	3/2, with spring return	520		Ø 6x1	230 V AC	5791515280

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NO	Stacking valve	3/2, with spring return	520		Ø 6x1	230 V AC	5791515680
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	12 V DC	5796410210
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	5796410220
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	5796410620
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V AC	5796415220
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	110 V AC	5796415270
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5796415280
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5796415680
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	12 V DC	5796510210
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5796510220
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5796510620
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V AC	5796515220

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	110 V AC	5796515270
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5796515280
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5796515680
	NO	End valve	3/2, with spring return	520		Ø 6x1	12 V DC	5792510210
	NO	End valve	3/2, with spring return	520		Ø 6x1	24 V DC	5792510220
	NO	End valve	3/2, with spring return	520		Ø 6x1	24 V DC	5792510620
	NO	End valve	3/2, with spring return	520		Ø 6x1	24 V AC	5792515220
	NO	End valve	3/2, with spring return	520		Ø 6x1	110 V AC	5792515270
	NO	End valve	3/2, with spring return	520		Ø 6x1	230 V AC	5792515280
	NO	End valve	3/2, with spring return	520		Ø 6x1	230 V AC	5792515680

Voltage tolerance DC	Pilot	Manual override	LED	Part No.
-10 % / +10 %	Internal	with detent		5790510210
-10 % / +10 %	Internal	with detent		5790510220
	Internal	with detent		5790515220
-10 % / +10 %	Internal	with detent	Red	5790510620
	Internal	with detent		5790515270
	Internal	with detent		5790515280
	Internal	with detent	Red	5790515680
-10 % / +10 %	Internal	with detent		5791510210
-10 % / +10 %	Internal	with detent		5791510220

Voltage tol- erance DC	Pilot	Manual override	LED	Part No.
-10 % / +10 %	Internal	with detent	Red	5791510620
	Internal	with detent		5791515220
	Internal	with detent		5791515270
	Internal	with detent		5791515280
	Internal	with detent	Red	5791515680
-10 % / +10 %	Internal	with detent		5796410210
-10 % / +10 %	Internal	with detent		5796410220
-10 % / +10 %	Internal	with detent	Red	5796410620
	Internal	with detent		5796415220
	Internal	with detent		5796415270
	Internal	with detent		5796415280
	Internal	with detent	Red	5796415680
-10 % / +10 %	Internal	with detent		5796510210
-10 % / +10 %	Internal	with detent		5796510220
-10 % / +10 %	Internal	with detent	Red	5796510620
	Internal	with detent		5796515220
	Internal	with detent		5796515270
	Internal	with detent		5796515280
	Internal	with detent	Red	5796515680
-10 % / +10 %	Internal	with detent		5792510210
-10 % / +10 %	Internal	with detent		5792510220
-10 % / +10 %	Internal	with detent	Red	5792510620
	Internal	with detent		5792515220
	Internal	with detent		5792515270
	Internal	with detent		5792515280
	Internal	with detent	Red	5792515680

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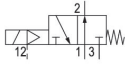
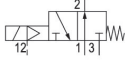
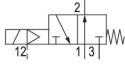
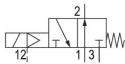
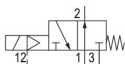
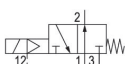
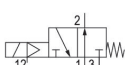
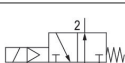
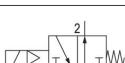
I = Inlet valve, II = Stacking valve, III = End valve

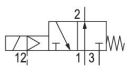
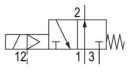
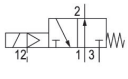
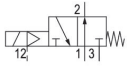
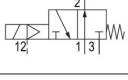
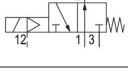
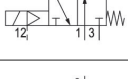
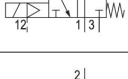
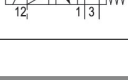
3/2-directional valve, Series 579, Valve unit

Flow: 520 l/min
Activation: Electrically
Control pressure min./max.: 2 bar ... 8 bar
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 0.5 bar ... 8 bar



	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NO	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	12 V DC	5790520210
	NO	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5790520220
	NO	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5790520620
	NO	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V AC	5790525220
	NO	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	110 V AC	5790525270
	NO	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5790525280
	NO	Inlet valve	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5790525680
	NO	Stacking valve	3/2, with spring return	520		Ø 6x1	12 V DC	5791520210
	NO	Stacking valve	3/2, with spring return	520		Ø 6x1	24 V DC	5791520220
	NO	Stacking valve	3/2, with spring return	520		Ø 6x1	24 V DC	5791520620
	NO	Stacking valve	3/2, with spring return	520		Ø 6x1	24 V AC	5791525220
	NO	Stacking valve	3/2, with spring return	520		Ø 6x1	110 V AC	5791525270
	NO	Stacking valve	3/2, with spring return	520		Ø 6x1	230 V AC	5791525280

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NO	Stacking valve	3/2, with spring return	520		Ø 6x1	230 V AC	5791525680
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	12 V DC	5796420210
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	5796420220
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	5796420620
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	24 V AC	5796425220
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	110 V AC	5796425270
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5796425280
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5796425680
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	12 V DC	5796520210
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5796520220
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5796520620
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	24 V AC	5796525220

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	110 V AC	5796525270
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5796525280
	NO	Stacking valve, additional pressure connection	3/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5796525680
	NO	End valve	3/2, with spring return	520		Ø 6x1	12 V DC	5792520210
	NO	End valve	3/2, with spring return	520		Ø 6x1	24 V DC	5792520220
	NO	End valve	3/2, with spring return	520		Ø 6x1	24 V DC	5792520620
	NO	End valve	3/2, with spring return	520		Ø 6x1	24 V AC	5792525220
	NO	End valve	3/2, with spring return	520		Ø 6x1	110 V AC	5792525270
	NO	End valve	3/2, with spring return	520		Ø 6x1	230 V AC	5792525280
	NO	End valve	3/2, with spring return	520		Ø 6x1	230 V AC	5792525680

Voltage tolerance DC	Min. control pressure [bar]	Max. control pressure [bar]	Pilot	LED	Part No.
-10 % / +10 %	2	8	External		5790520210
-10 % / +10 %	2	8	External		5790520220
-10 % / +10 %	2	8	External	Red	5790520620
	2	8	External		5790525220
	2	8	External		5790525270
	2	8	External		5790525280
	2	8	External		5790525680
-10 % / +10 %	2	8	External		5791520210
-10 % / +10 %	2	8	External		5791520220

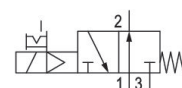
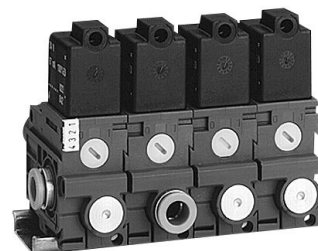
Voltage tolerance DC	Min. control pressure [bar]	Max. control pressure [bar]	Pilot	LED	Part No.
-10 % / +10 %	2	8	External	Red	5791520620
	2	8	External		5791525220
	2	8	External		5791525270
	2	8	External		5791525280
	2	8	External	Red	5791525680
-10 % / +10 %	2	8	External		5796420210
-10 % / +10 %	2	8	External		5796420220
-10 % / +10 %	2	8	External	Red	5796420620
	2	8	External		5796425220
	2	8	External		5796425270
	2	8	External		5796425280
	2	8	External	Red	5796425680
-10 % / +10 %	2	8	External		5796520210
-10 % / +10 %	2	8	External		5796520220
-10 % / +10 %	2	8	External	Red	5796520620
	2	8	External		5796525220
	2	8	External		5796525270
	2	8	External		5796525280
	2	8	External	Red	5796525680
-10 % / +10 %	2	8	External		5792520210
-10 % / +10 %	2	8	External		5792520220
-10 % / +10 %	2	8	External	Red	5792520620
	2	8	External		5792525220
	2	8	External		5792525270
	2	8	External		5792525280
	2	8	External	Red	5792525680

[illegible]

I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Flow: 600 l/min
Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 2 bar ... 8 bar



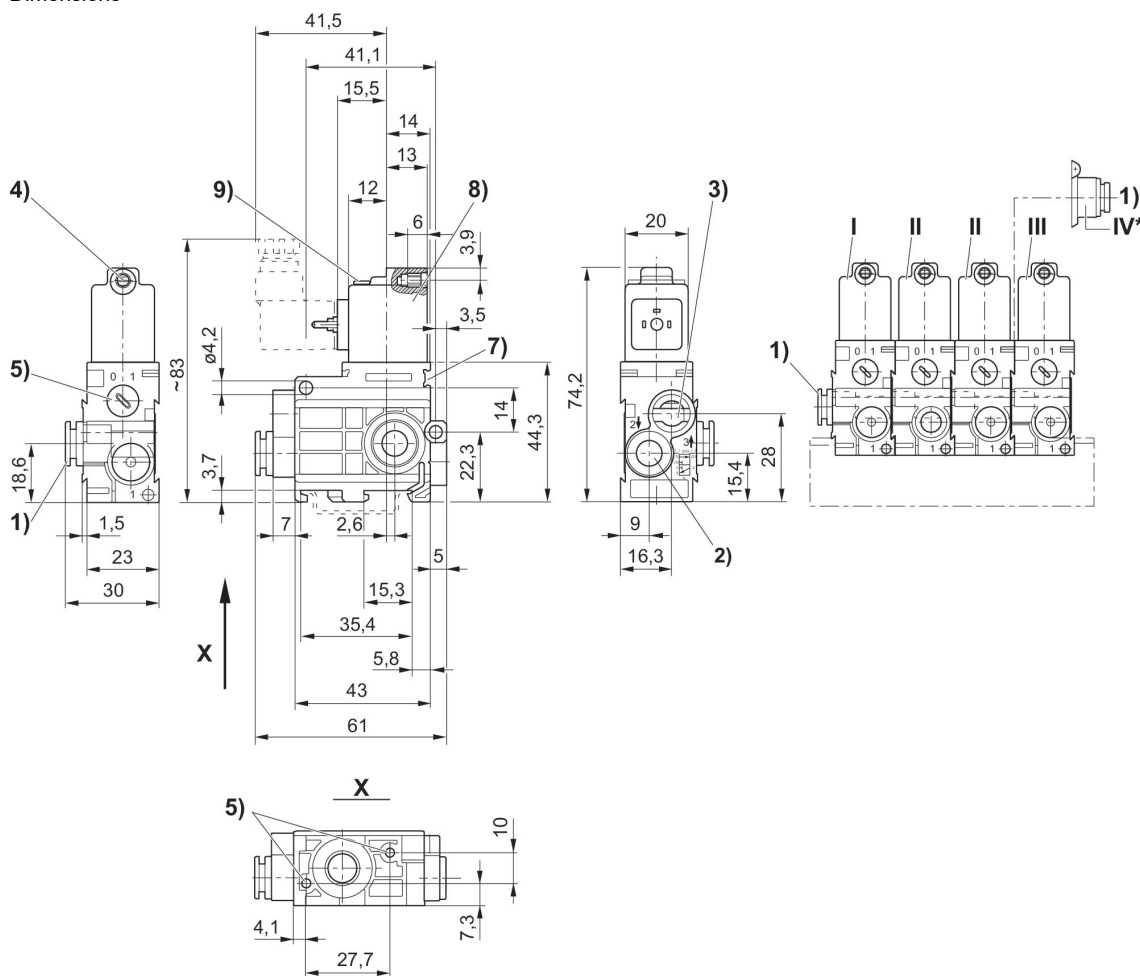
Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Part No.
NO	Inlet valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	12 V DC	-10 % / +10 %	5790610210
NO	Inlet valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V AC		5790615220
NO	Inlet valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	-10 % / +10 %	5790610220
NO	Inlet valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	-10 % / +10 %	5790610620
NO	Inlet valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	110 V AC		5790615270
NO	Inlet valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC		5790615280
NO	Inlet valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC		5790615680
NO	Stacking valve	3/2, with spring return	600		Ø 8x1	12 V DC	-10 % / +10 %	5791610210
NO	Stacking valve	3/2, with spring return	600		Ø 8x1	24 V DC	-10 % / +10 %	5791610220
NO	Stacking valve	3/2, with spring return	600		Ø 8x1	24 V DC	-10 % / +10 %	5791610620
NO	Stacking valve	3/2, with spring return	600		Ø 8x1	24 V AC		5791615220
NO	Stacking valve	3/2, with spring return	600		Ø 8x1	110 V AC		5791615270
NO	Stacking valve	3/2, with spring return	600		Ø 8x1	230 V AC		5791615280
NO	Stacking valve	3/2, with spring return	600		Ø 8x1	230 V AC		5791615680
NO	Stacking valve, additional pressure connection	3/2, with spring return	600	Ø 8x1	Ø 8x1	12 V DC	-10 % / +10 %	5796610210
NO	Stacking valve, additional pressure connection	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	-10 % / +10 %	5796610220

Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Part No.
	tional pressure connection							
NO	Stacking valve, additional pressure connection	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	-10 % / +10 %	5796610620
NO	Stacking valve, additional pressure connection	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V AC		5796615220
NO	Stacking valve, additional pressure connection	3/2, with spring return	600	Ø 8x1	Ø 8x1	110 V AC		5796615270
NO	Stacking valve, additional pressure connection	3/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC		5796615280
NO	Stacking valve, additional pressure connection	3/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC		5796615680
NO	End valve	3/2, with spring return	600		Ø 8x1	12 V DC	-10 % / +10 %	5792610210
NO	End valve	3/2, with spring return	600		Ø 8x1	24 V DC	-10 % / +10 %	5792610220
NO	End valve	3/2, with spring return	600		Ø 8x1	24 V DC	-10 % / +10 %	5792610620
NO	End valve	3/2, with spring return	600		Ø 8x1	24 V AC		5792615220
NO	End valve	3/2, with spring return	600		Ø 8x1	110 V AC		5792615270
NO	End valve	3/2, with spring return	600		Ø 8x1	230 V AC		5792615280
NO	End valve	3/2, with spring return	600		Ø 8x1	230 V AC		5792615680

Pilot	Manual override	LED	Part No.
Internal	with detent		5790610210
Internal	with detent		5790615220
Internal	with detent		5790610220
Internal	with detent	Red	5790610620
Internal	with detent		5790615270
Internal	with detent		5790615280
Internal	with detent	Red	5790615680
Internal	with detent		5791610210

Pilot	Manual override	LED	Part No.
Internal	with detent		5791610220
Internal	with detent	Red	5791610620
Internal	with detent		5791615220
Internal	with detent		5791615270
Internal	with detent		5791615280
Internal	with detent	Red	5791615680
Internal	with detent		5796610210
Internal	with detent		5796610220
Internal	with detent	Red	5796610620
Internal	with detent		5796615220
Internal	with detent		5796615270
Internal	with detent		5796615280
Internal	with detent	Red	5796615680
Internal	with detent		5792610210
Internal	with detent		5792610220
Internal	with detent	Red	5792610620
Internal	with detent		5792615220
Internal	with detent		5792615270
Internal	with detent		5792615280
Internal	with detent	Red	5792615680

Dimensions



1) Port 1 2) Port 2 3) Port 3, exhaust air must not be throttled 4) Core Ø for M5 5) Manual override 6) Pocket hole 6 mm deep for 3.5 self-tapping screw 7) Mounting space for name plate 8) Coil can be rotated at 180° intervals 9) LED * Air conn. module (item IV*) mounted onto stacking valve (item II) permits additional air supply from right hand side. End valve (item III) not required.
I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Activation: Electrically

Control pressure min./max.: 2 bar ... 8 bar

Duty cycle: 100 %

Type: Poppet valve

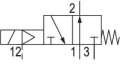
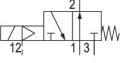
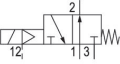
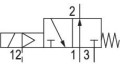
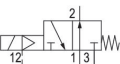
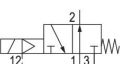
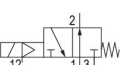
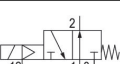
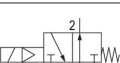
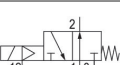
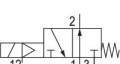
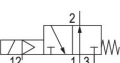
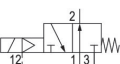
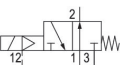
Ambient temperature min./max.: -15 °C ... 50 °C

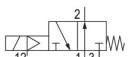
Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 0.5 bar ... 8 bar



	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NO	Inlet valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	12 V DC	5790620210
	NO	Inlet valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	5790620220
	NO	Inlet valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	5790620620
	NO	Inlet valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V AC	5790625220
	NO	Inlet valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	110 V AC	5790625270
	NO	Inlet valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC	5790625280
	NO	Inlet valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC	5790625680
	NO	Stacking valve	3/2, with spring return	600		Ø 8x1	12 V DC	5791620210
	NO	Stacking valve	3/2, with spring return	600		Ø 8x1	24 V DC	5791620220
	NO	Stacking valve	3/2, with spring return	600		Ø 8x1	24 V DC	5791620620
	NO	Stacking valve	3/2, with spring return	600		Ø 8x1	24 V AC	5791625220
	NO	Stacking valve	3/2, with spring return	600		Ø 8x1	110 V AC	5791625270
	NO	Stacking valve	3/2, with spring return	600		Ø 8x1	230 V AC	5791625280

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NO	Stacking valve	3/2, with spring return	600		Ø 8x1	230 V AC	5791625680
	NO	Stacking valve, additional pressure connection	3/2, with spring return	600	Ø 8x1	Ø 8x1	12 V DC	5796620210
	NO	Stacking valve, additional pressure connection	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	5796620220
	NO	Stacking valve, additional pressure connection	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	5796620620
	NO	Stacking valve, additional pressure connection	3/2, with spring return	600	Ø 8x1	Ø 8x1	24 V AC	5796625220
	NO	Stacking valve, additional pressure connection	3/2, with spring return	600	Ø 8x1	Ø 8x1	110 V AC	5796625270
	NO	Stacking valve, additional pressure connection	3/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC	5796625280
	NO	Stacking valve, additional pressure connection	3/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC	5796625680
	NO	End valve	3/2, with spring return	600		Ø 8x1	12 V DC	5792620210
	NO	End valve	3/2, with spring return	600		Ø 8x1	24 V DC	5792620220
	NO	End valve	3/2, with spring return	600		Ø 8x1	24 V DC	5792620620
	NO	End valve	3/2, with spring return	600		Ø 8x1	24 V AC	5792625220
	NO	End valve	3/2, with spring return	600		Ø 8x1	110 V AC	5792625270
	NO	End valve	3/2, with spring return	600		Ø 8x1	230 V AC	5792625280

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NO	End valve	3/2, with spring return	600		Ø 8x1	230 V AC	5792625680

Voltage tolerance DC	Min. control pressure [bar]	Max. control pressure [bar]	Pilot	LED	Part No.
-10 % / +10 %	2	8	External		5790620210
-10 % / +10 %	2	8	External		5790620220
-10 % / +10 %	2	8	External	Red	5790620620
	2	8	External		5790625220
	2	8	External		5790625270
	2	8	External		5790625280
	2	8	External	Red	5790625680
-10 % / +10 %	2	8	External		5791620210
-10 % / +10 %	2	8	External		5791620220
-10 % / +10 %	2	8	External	Red	5791620620
	2	8	External		5791625220
	2	8	External		5791625270
	2	8	External		5791625280
	2	8	External	Red	5791625680
-10 % / +10 %	2	8	External		5796620210
-10 % / +10 %	2	8	External		5796620220
-10 % / +10 %	2	8	External	Red	5796620620
	2	8	External		5796625220
	2	8	External		5796625270
	2	8	External		5796625280
	2	8	External	Red	5796625680
-10 % / +10 %	2	8	External		5792620210
-10 % / +10 %	2	8	External		5792620220
-10 % / +10 %	2	8	External	Red	5792620620
	2	8	External		5792625220
	2	8	External		5792625270
	2	8	External		5792625280
	2	8	External	Red	5792625680

Technical drawing of the 3-2-2-1 valve assembly, showing front, side, and top views with dimensions and callouts.

Front View (Left): Shows the main body with dimensions: 30, 23, 1.5, 18.6, 1, 3.7, 83, 41.5, 41.1, 15.5, 14, 12, 13, 6, 3.9, 3.5, 6, 14, 22.3, 44.3, 7, 2.6, 15.3, 35.4, 5.8, 43, 61, 5. Callouts: 1, 4, 7, 9.

Side View (Middle): Shows the side profile with dimensions: 20, 74.2, 15.4, 28, 9, 16.3, 2. Callouts: 2, 3.

Top View (Bottom): Shows the top profile with dimensions: 4.1, 27.7, 7.3, 10, 5. Callout: 5.

Isometric View (Right): Shows the assembly with callouts: 1, I, II, III, IV*.

I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Activation: Electrically

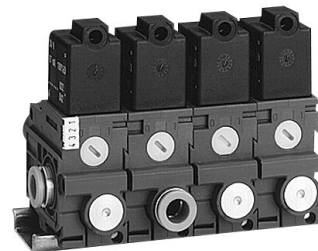
Duty cycle: 100 %

Type: Poppet valve

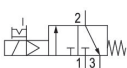
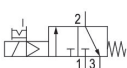
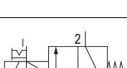
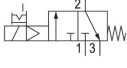
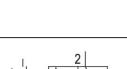
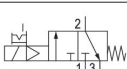
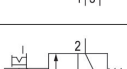
Ambient temperature min./max.: -15 °C ... 50 °C

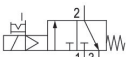
Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 2 bar ... 8 bar



	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Inlet valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	12 V DC	5790600210
	NC	Inlet valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V DC	5790600220
	NC	Inlet valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V DC	5790600620
	NC	Inlet valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V AC	5790605220
	NC	Inlet valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	110 V AC	5790605270
	NC	Inlet valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	230 V AC	5790605280
	NC	Inlet valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	230 V AC	5790605680
	NC	Stacking valve	3/2, with spring return	850		Ø 8x1	12 V DC	5791600210
	NC	Stacking valve	3/2, with spring return	850		Ø 8x1	24 V DC	5791600220
	NC	Stacking valve	3/2, with spring return	850		Ø 8x1	24 V DC	5791600620
	NC	Stacking valve	3/2, with spring return	850		Ø 8x1	24 V AC	5791605220
	NC	Stacking valve	3/2, with spring return	850		Ø 8x1	110 V AC	5791605270
	NC	Stacking valve	3/2, with spring return	850		Ø 8x1	230 V AC	5791605280

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Stacking valve	3/2, with spring return	850		Ø 8x1	230 V AC	5791605680
	NC	Stacking valve, additional pressure connection	3/2, with spring return	850	Ø 8x1	Ø 8x1	12 V DC	5796600210
	NC	Stacking valve, additional pressure connection	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V DC	5796600220
	NC	Stacking valve, additional pressure connection	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V DC	5796600620
	NC	Stacking valve, additional pressure connection	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V AC	5796605220
	NC	Stacking valve, additional pressure connection	3/2, with spring return	850	Ø 8x1	Ø 8x1	110 V AC	5796605270
	NC	Stacking valve, additional pressure connection	3/2, with spring return	850	Ø 8x1	Ø 8x1	230 V AC	5796605280
	NC	Stacking valve, additional pressure connection	3/2, with spring return	850	Ø 8x1	Ø 8x1	230 V AC	5796605680
	NC	End valve	3/2, with spring return	850		Ø 8x1	12 V DC	5792600210
	NC	End valve	3/2, with spring return	850		Ø 8x1	24 V DC	5792600220
	NC	End valve	3/2, with spring return	850		Ø 8x1	24 V DC	5792600620
	NC	End valve	3/2, with spring return	850		Ø 8x1	24 V AC	5792605220
	NC	End valve	3/2, with spring return	850		Ø 8x1	110 V AC	5792605270
	NC	End valve	3/2, with spring return	850		Ø 8x1	230 V AC	5792605280

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	End valve	3/2, with spring return	850		Ø 8x1	230 V AC	5792605680

Voltage tolerance DC	Max. control pressure [bar]	Pilot	Manual override	LED	Part No.
-10 % / +10 %		Internal	with detent		5790600210
-10 % / +10 %		Internal	with detent		5790600220
-10 % / +10 %		Internal	with detent	Red	5790600620
		Internal	with detent		5790605220
		Internal	with detent		5790605270
		Internal	with detent		5790605280
		Internal	with detent	Red	5790605680
-10 % / +10 %		Internal	with detent		5791600210
-10 % / +10 %		Internal	with detent		5791600220
-10 % / +10 %		Internal	with detent	Red	5791600620
		Internal	with detent		5791605220
		Internal	with detent		5791605270
		Internal	with detent		5791605280
		Internal	with detent	Red	5791605680
-10 % / +10 %	8	Internal	with detent		5796600210
-10 % / +10 %	8	Internal	with detent		5796600220
-10 % / +10 %	8	Internal	with detent	Red	5796600620
	8	Internal	with detent		5796605220
	8	Internal	with detent		5796605270
	8	Internal	with detent		5796605280
	8	Internal	with detent	Red	5796605680
-10 % / +10 %		Internal	with detent		5792600210
-10 % / +10 %		Internal	with detent		5792600220
-10 % / +10 %		Internal	with detent	Red	5792600620
		Internal	with detent		5792605220
		Internal	with detent		5792605270
		Internal	with detent		5792605280
		Internal	with detent	Red	5792605680

1) Port 1 2) Port 2 3) Port 3, exhaust air must not be throttled 4) Core Ø for M5 5) Manual override 6) Pocket hole 6 mm deep for 3.5 self-tapping screw 7) Mounting space for name plate 8) Coil can be rotated at 180° intervals 9) LED * Air conn. module (item IV) mounted onto stacking valve (item II) permits additional air supply from right hand side. End valve (item III) not required.
I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Activation: Electrically

Control pressure min./max.: 2 bar ... 8 bar

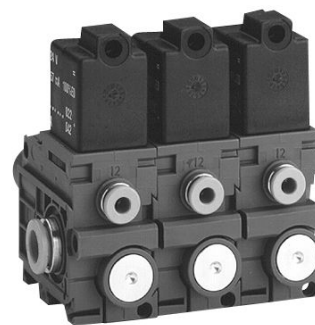
Duty cycle: 100 %

Type: Poppet valve

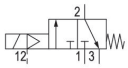
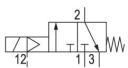
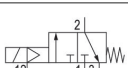
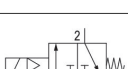
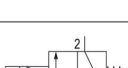
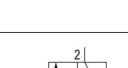
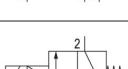
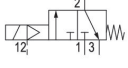
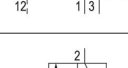
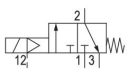
Ambient temperature min./max.: -15 °C ... 50 °C

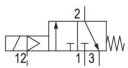
Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 0.5 bar ... 8 bar



	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Inlet valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	12 V DC	5790670210
	NC	Inlet valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V DC	5790670220
	NC	Inlet valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V DC	5790670620
	NC	Inlet valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V AC	5790675220
	NC	Inlet valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	110 V AC	5790675270
	NC	Inlet valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	230 V AC	5790675280
	NC	Inlet valve	3/2, with spring return	850	Ø 8x1	Ø 8x1	230 V AC	5790675680
	NC	Stacking valve	3/2, with spring return	850		Ø 8x1	12 V DC	5791670210
	NC	Stacking valve	3/2, with spring return	850		Ø 8x1	24 V DC	5791670220
	NC	Stacking valve	3/2, with spring return	850		Ø 8x1	24 V DC	5791670620
	NC	Stacking valve	3/2, with spring return	850		Ø 8x1	24 V AC	5791675220
	NC	Stacking valve	3/2, with spring return	850		Ø 8x1	110 V AC	5791675270
	NC	Stacking valve	3/2, with spring return	850		Ø 8x1	230 V AC	5791675280

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Stacking valve	3/2, with spring return	850		Ø 8x1	230 V AC	5791675680
	NC	Stacking valve, additional pressure connection	3/2, with spring return	850	Ø 8x1	Ø 8x1	12 V DC	5796670210
	NC	Stacking valve, additional pressure connection	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V DC	5796670220
	NC	Stacking valve, additional pressure connection	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V DC	5796670620
	NC	Stacking valve, additional pressure connection	3/2, with spring return	850	Ø 8x1	Ø 8x1	24 V AC	5796675220
	NC	Stacking valve, additional pressure connection	3/2, with spring return	850	Ø 8x1	Ø 8x1	110 V AC	5796675270
	NC	Stacking valve, additional pressure connection	3/2, with spring return	850	Ø 8x1	Ø 8x1	230 V AC	5796675280
	NC	Stacking valve, additional pressure connection	3/2, with spring return	850	Ø 8x1	Ø 8x1	230 V AC	5796675680
	NC	End valve	3/2, with spring return	850		Ø 8x1	12 V DC	5792670210
	NC	End valve	3/2, with spring return	850		Ø 8x1	24 V DC	5792670220
	NC	End valve	3/2, with spring return	850		Ø 8x1	24 V DC	5792670620
	NC	End valve	3/2, with spring return	850		Ø 8x1	24 V AC	5792675220
	NC	End valve	3/2, with spring return	850		Ø 8x1	110 V AC	5792675270
	NC	End valve	3/2, with spring return	850		Ø 8x1	230 V AC	5792675280

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	End valve	3/2, with spring return	850		Ø 8x1	230 V AC	5792675680

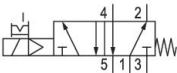
Voltage tolerance DC	Min. control pressure [bar]	Max. control pressure [bar]	Pilot	LED	Part No.
-10 % / +10 %	2	8	External		5790670210
-10 % / +10 %	2	8	External		5790670220
-10 % / +10 %	2	8	External	Red	5790670620
	2	8	External		5790675220
	2	8	External		5790675270
	2	8	External		5790675280
	2	8	External	Red	5790675680
-10 % / +10 %	2	8	External		5791670210
-10 % / +10 %	2	8	External		5791670220
-10 % / +10 %	2	8	External	Red	5791670620
	2	8	External		5791675220
	2	8	External		5791675270
	2	8	External		5791675280
	2	8	External	Red	5791675680
-10 % / +10 %	2	8	External		5796670210
-10 % / +10 %	2	8	External		5796670220
-10 % / +10 %	2	8	External	Red	5796670620
	2	8	External		5796675220
	2	8	External		5796675270
	2	8	External		5796675280
	2	8	External	Red	5796675680
-10 % / +10 %	2	8	External		5792670210
-10 % / +10 %	2	8	External		5792670220
-10 % / +10 %	2	8	External	Red	5792670620
	2	8	External		5792675220
	2	8	External		5792675270
	2	8	External		5792675280
	2	8	External	Red	5792675680

[illegible]

I = Inlet valve, II = Stacking valve, III = End valve

5/2-directional valve, Series 579

Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 2 bar ... 8 bar

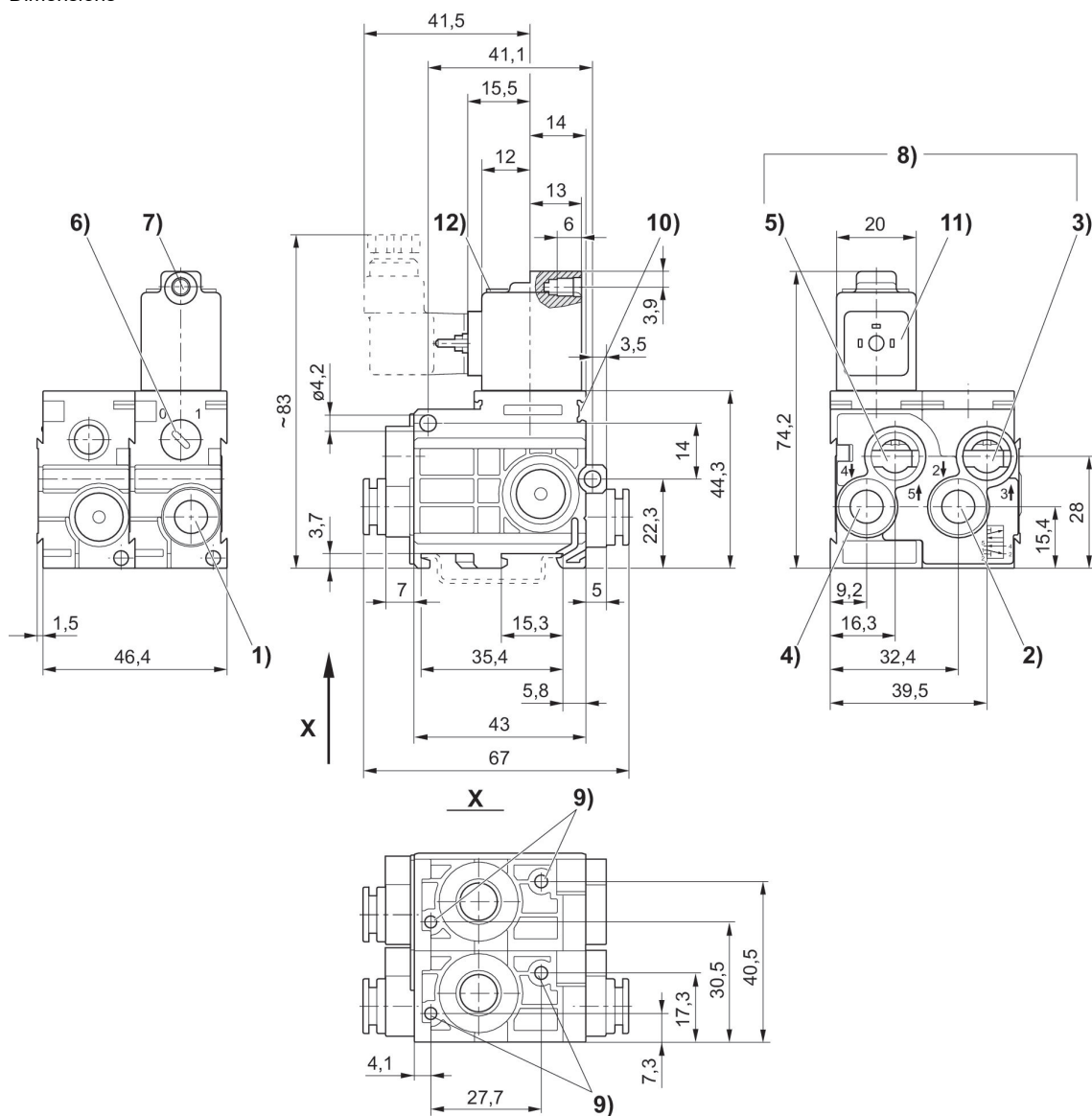


Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Pilot	Part No.
Single valve	5/2, with spring return	520	Ø 6x1	Ø 6x1	12 V DC	-10 % / +10 %	Internal	5794700210
Single valve	5/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	-10 % / +10 %	Internal	5794700220
Single valve	5/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	-10 % / +10 %	Internal	5794700620
Single valve	5/2, with spring return	520	Ø 6x1	Ø 6x1	24 V AC		Internal	5794705220
Single valve	5/2, with spring return	520	Ø 6x1	Ø 6x1	110 V AC		Internal	5794705270
Single valve	5/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC		Internal	5794705280
Single valve	5/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC		Internal	5794705680
Single valve	5/2, with spring return	600	Ø 8x1	Ø 8x1	12 V DC	-10 % / +10 %	Internal	5794900210
Single valve	5/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	-10 % / +10 %	Internal	5794900220
Single valve	5/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	-10 % / +10 %	Internal	5794900620
Single valve	5/2, with spring return	600	Ø 8x1	Ø 8x1	24 V AC		Internal	5794905220
Single valve	5/2, with spring return	600	Ø 8x1	Ø 8x1	110 V AC		Internal	5794905270
Single valve	5/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC		Internal	5794905280
Single valve	5/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC		Internal	5794905680

Manual override	LED	Part No.
with detent		5794700210
with detent		5794700220

Manual override	LED	Part No.
with detent	Red	5794700620
with detent		5794705220
with detent		5794705270
with detent		5794705280
with detent	Red	5794705680
with detent		5794900210
with detent		5794900220
with detent	Red	5794900620
with detent		5794905220
with detent		5794905270
with detent		5794905280
with detent	Red	5794905680

Dimensions



1) port 1 2) port 2 3) port 3 4) port 4 5) port 5 6) manual override 7) core Ø for M 5 8) exhaust air must not be throttled 9) pocket hole 6 mm deep for 3.5 self-tapping screw 10) mounting space for name plate 11) coil can be rotated at 180° intervals

5/2-directional valve, Series 579, Valve unit

Flow: 520 l/min

Activation: Electrically

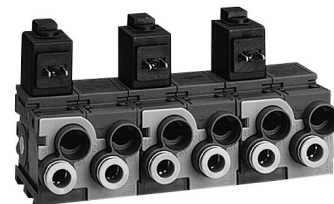
Duty cycle: 100 %

Type: Poppet valve

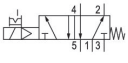
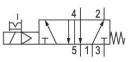
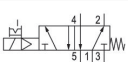
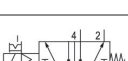
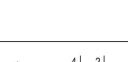
Ambient temperature min./max.: -15 °C ... 50 °C

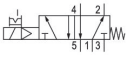
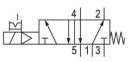
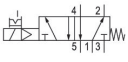
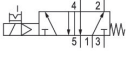
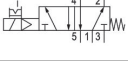
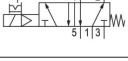
Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 2 bar ... 8 bar



	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
	NC	Inlet valve	5/2, with spring return	520	Ø 8x1	Ø 6x1	12 V DC	5790800210
	NC	Inlet valve	5/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5790800220
	NC	Inlet valve	5/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5790800620
	NC	Inlet valve	5/2, with spring return	520	Ø 8x1	Ø 6x1	24 V AC	5790805220
	NC	Inlet valve	5/2, with spring return	520	Ø 8x1	Ø 6x1	110 V AC	5790805270
	NC	Inlet valve	5/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5790805280
	NC	Inlet valve	5/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5790805680
	NC	Stacking valve	5/2, with spring return	520		Ø 6x1	24 V AC	5791805220
	NC	Stacking valve	5/2, with spring return	520		Ø 6x1	12 V DC	5791800210
	NC	Stacking valve	5/2, with spring return	520		Ø 6x1	24 V DC	5791800220
	NC	Stacking valve	5/2, with spring return	520		Ø 6x1	24 V DC	5791800620
	NC	Stacking valve	5/2, with spring return	520		Ø 6x1	110 V AC	5791805270
	NC	Stacking valve	5/2, with spring return	520		Ø 6x1	230 V AC	5791805280
	NC	Stacking valve	5/2, with spring return	520		Ø 6x1	230 V AC	5791805680
	NC	Stacking valve, additional pres-	5/2, with spring return	520	Ø 6x1	Ø 6x1	12 V DC	5796700210

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
		sure connection						
	NC	Stacking valve, additional pressure connection	5/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	5796700220
	NC	Stacking valve, additional pressure connection	5/2, with spring return	520	Ø 6x1	Ø 6x1	24 V DC	5796700620
	NC	Stacking valve, additional pressure connection	5/2, with spring return	520	Ø 6x1	Ø 6x1	24 V AC	5796705220
	NC	Stacking valve, additional pressure connection	5/2, with spring return	520	Ø 6x1	Ø 6x1	110 V AC	5796705270
	NC	Stacking valve, additional pressure connection	5/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5796705280
	NC	Stacking valve, additional pressure connection	5/2, with spring return	520	Ø 6x1	Ø 6x1	230 V AC	5796705680
	NC	Stacking valve, additional pressure connection	5/2, with spring return	520	Ø 8x1	Ø 6x1	12 V DC	5796800210
	NC	Stacking valve, additional pressure connection	5/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5796800220
	NC	Stacking valve, additional pressure connection	5/2, with spring return	520	Ø 8x1	Ø 6x1	24 V DC	5796800620
	NC	Stacking valve, additional pressure connection	5/2, with spring return	520	Ø 8x1	Ø 6x1	24 V AC	5796805220
	NC	Stacking valve, additional pressure connection	5/2, with spring return	520	Ø 8x1	Ø 6x1	110 V AC	5796805270
	NC	Stacking valve, additional pressure connection	5/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5796805280

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Part No.
		sure connection						
	NC	Stacking valve, additional pressure connection	5/2, with spring return	520	Ø 8x1	Ø 6x1	230 V AC	5796805680
	NC	End valve	5/2, with spring return	520		Ø 6x1	12 V DC	5792800210
	NC	End valve	5/2, with spring return	520		Ø 6x1	24 V DC	5792800220
	NC	End valve	5/2, with spring return	520		Ø 6x1	24 V DC	5792800620
	NC	End valve	5/2, with spring return	520		Ø 6x1	24 V AC	5792805220
	NC	End valve	5/2, with spring return	520		Ø 6x1	110 V AC	5792805270
	NC	End valve	5/2, with spring return	520		Ø 6x1	230 V AC	5792805280
	NC	End valve	5/2, with spring return	520		Ø 6x1	230 V AC	5792805680

Voltage tolerance DC	Pilot	Manual override	LED	Part No.
-10 % / +10 %	Internal	with detent		5790800210
-10 % / +10 %	Internal	with detent		5790800220
-10 % / +10 %	Internal	with detent	Red	5790800620
	Internal	with detent		5790805220
	Internal	with detent		5790805270
	Internal	with detent		5790805280
	Internal	with detent	Red	5790805680
	Internal	with detent		5791805220
-10 % / +10 %	Internal	with detent		5791800210
-10 % / +10 %	Internal	with detent		5791800220
-10 % / +10 %	Internal	with detent	Red	5791800620
	Internal	with detent		5791805270
	Internal	with detent		5791805280
	Internal	with detent	Red	5791805680
-10 % / +10 %	Internal	with detent		5796700210

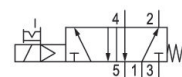
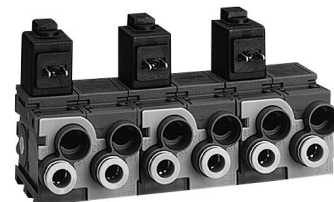
Voltage tol- erance DC	Pilot	Manual override	LED	Part No.
-10 % / +10 %	Internal	with detent		5796700220
-10 % / +10 %	Internal	with detent	Red	5796700620
	Internal	with detent		5796705220
	Internal	with detent		5796705270
	Internal	with detent		5796705280
	Internal	with detent	Red	5796705680
-10 % / +10 %	Internal	with detent		5796800210
-10 % / +10 %	Internal	with detent		5796800220
-10 % / +10 %	Internal	with detent	Red	5796800620
	Internal	with detent		5796805220
	Internal	with detent		5796805270
	Internal	with detent		5796805280
	Internal	with detent	Red	5796805680
-10 % / +10 %	Internal	with detent		5792800210
-10 % / +10 %	Internal	with detent		5792800220
-10 % / +10 %	Internal	with detent	Red	5792800620
	Internal	with detent		5792805220
	Internal	with detent		5792805270
	Internal	with detent		5792805280
	Internal	with detent	Red	5792805680

[illegible]

* Order air connection module 5790000092 separately

5/2-directional valve, Series 579, Valve unit

Flow: 600 l/min
Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 2 bar ... 8 bar



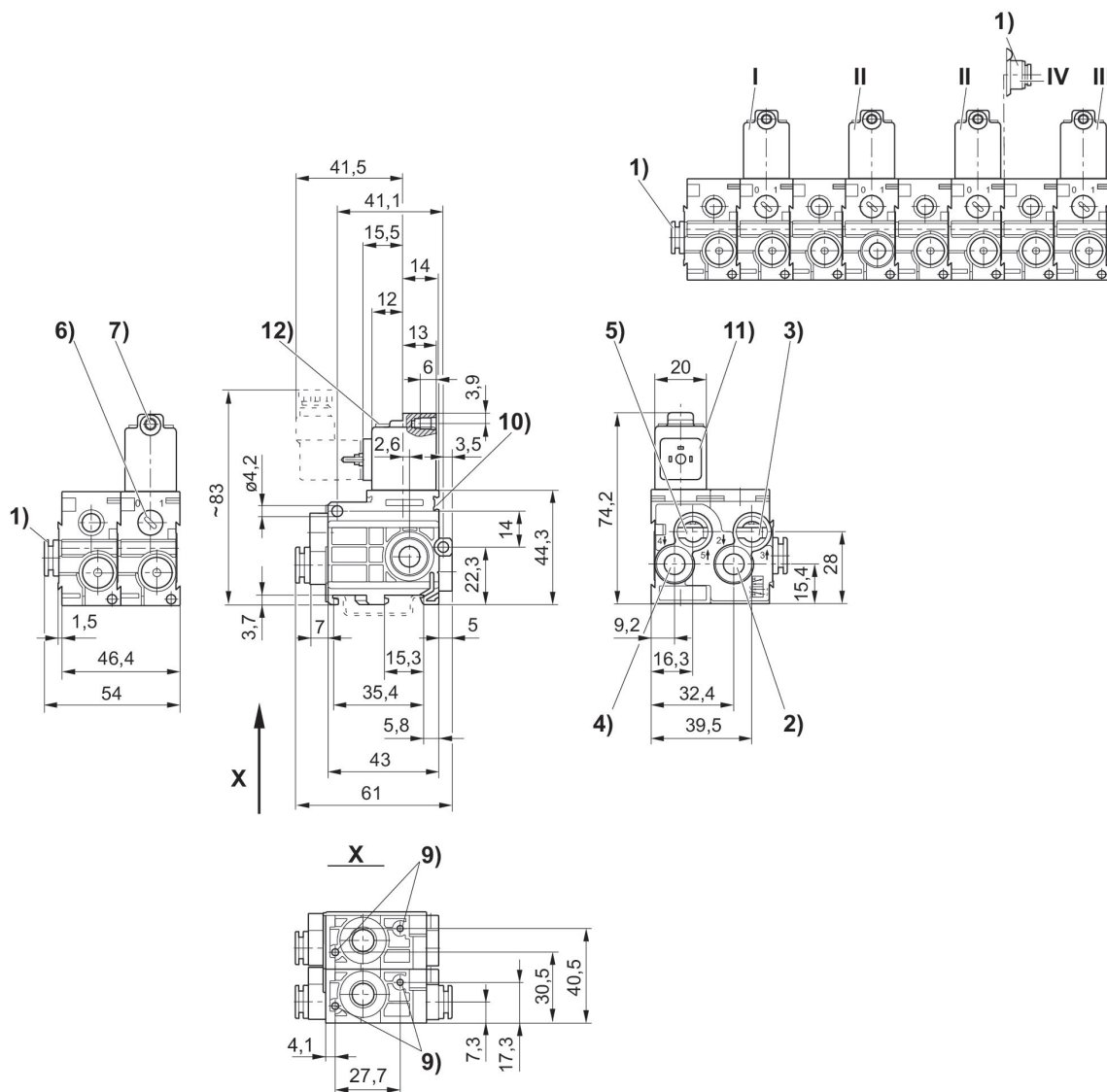
Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Part No.
NC	Inlet valve	5/2, with spring return	600	Ø 8x1	Ø 8x1	12 V DC	-10 % / +10 %	5790900210
NC	Inlet valve	5/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	-10 % / +10 %	5790900220
NC	Inlet valve	5/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	-10 % / +10 %	5790900620
NC	Inlet valve	5/2, with spring return	600	Ø 8x1	Ø 8x1	24 V AC		5790905220
NC	Inlet valve	5/2, with spring return	600	Ø 8x1	Ø 8x1	110 V AC		5790905270
NC	Inlet valve	5/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC		5790905280
NC	Inlet valve	5/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC		5790905680
NC	Stacking valve	5/2, with spring return	600		Ø 8x1	12 V DC	-10 % / +10 %	5791900210
NC	Stacking valve	5/2, with spring return	600		Ø 8x1	24 V DC	-10 % / +10 %	5791900220
NC	Stacking valve	5/2, with spring return	600		Ø 8x1	24 V DC	-10 % / +10 %	5791900620
NC	Stacking valve	5/2, with spring return	600		Ø 8x1	24 V AC		5791905220
NC	Stacking valve	5/2, with spring return	600		Ø 8x1	110 V AC		5791905270
NC	Stacking valve	5/2, with spring return	600		Ø 8x1	230 V AC		5791905280
NC	Stacking valve	5/2, with spring return	600		Ø 8x1	230 V AC		5791905680
NC	Stacking valve, additional pressure connection	5/2, with spring return	600	Ø 8x1	Ø 8x1	12 V DC	-10 % / +10 %	5796900210
NC	Stacking valve, addi-	5/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	-10 % / +10 %	5796900220

Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Part No.
	tional pressure connection							
NC	Stacking valve, additional pressure connection	5/2, with spring return	600	Ø 8x1	Ø 8x1	24 V DC	-10 % / +10 %	5796900620
NC	Stacking valve, additional pressure connection	5/2, with spring return	600	Ø 8x1	Ø 8x1	24 V AC		5796905220
NC	Stacking valve, additional pressure connection	5/2, with spring return	600	Ø 8x1	Ø 8x1	110 V AC		5796905270
NC	Stacking valve, additional pressure connection	5/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC		5796905280
NC	Stacking valve, additional pressure connection	5/2, with spring return	600	Ø 8x1	Ø 8x1	230 V AC		5796905680
NC	End valve	5/2, with spring return	600		Ø 8x1	12 V DC	-10 % / +10 %	5792900210
NC	End valve	5/2, with spring return	600		Ø 8x1	24 V DC	-10 % / +10 %	5792900220
NC	End valve	5/2, with spring return	600		Ø 8x1	24 V DC	-10 % / +10 %	5792900620
NC	End valve	5/2, with spring return	600		Ø 8x1	24 V AC		5792905220
NC	End valve	5/2, with spring return	600		Ø 8x1	110 V AC		5792905270
NC	End valve	5/2, with spring return	600		Ø 8x1	230 V AC		5792905280
NC	End valve	5/2, with spring return	600		Ø 8x1	230 V AC		5792905680

Pilot	Manual override	LED	Part No.
Internal	with detent		5790900210
Internal	with detent		5790900220
Internal	with detent	Red	5790900620
Internal	with detent		5790905220
Internal	with detent		5790905270
Internal	with detent		5790905280
Internal	with detent	Red	5790905680
Internal	with detent		5791900210

Pilot	Manual override	LED	Part No.
Internal	with detent		5791900220
Internal	with detent	Red	5791900620
Internal	with detent		5791905220
Internal	with detent		5791905270
Internal	with detent		5791905280
Internal	with detent	Red	5791905680
Internal	with detent		5796900210
Internal	with detent		5796900220
Internal	with detent	Red	5796900620
Internal	with detent		5796905220
Internal	with detent		5796905270
Internal	with detent		5796905280
Internal	with detent	Red	5796905680
Internal	with detent		5792900210
Internal	with detent		5792900220
Internal	with detent	Red	5792900620
Internal	with detent		5792905220
Internal	with detent		5792905270
Internal	with detent		5792905280
Internal	with detent	Red	5792905680

Dimensions



1) Port 1 2) Port 2 3) Port 3 4) Port 4 5) Port 5 6) Manual override 7) Core Ø for M5 8) Exhaust air must not be throttled 9) Pocket hole 6 mm deep for 3.5 self-tapping screw 10) mounting space for name plate 11) Coil can be rotated at 180° intervals 12) LED * Air connection module (item IV) mounted onto stacking valve (item II) permits additional air supply from right hand side. End valve (item III) not required.

I = Inlet valve, II = Stacking valve, III = End valve

* Order air connection module 5790000092 separately

3/2-directional valve, Series 579

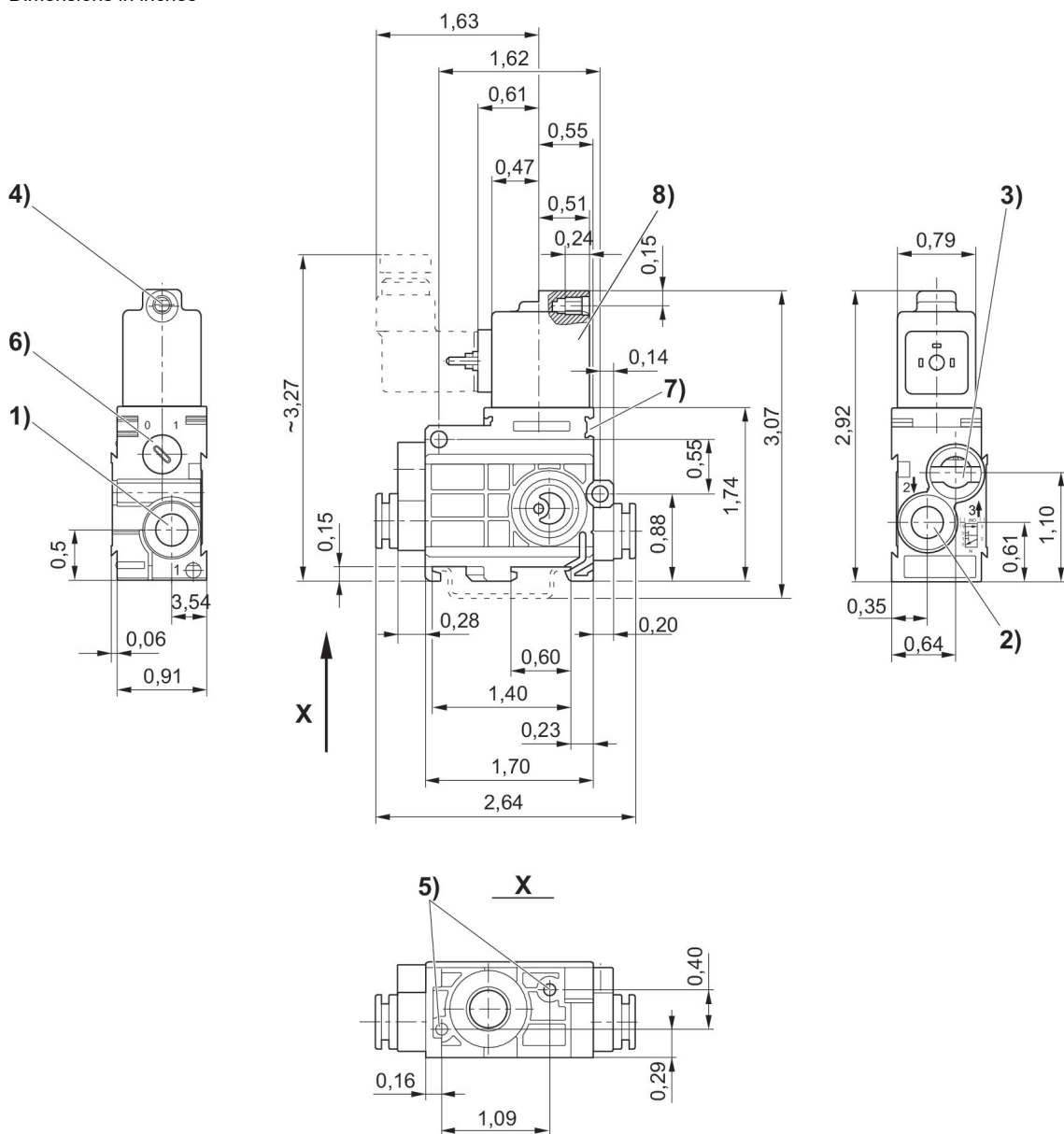
Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 2 bar ... 8 bar



	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Part No.
	NC	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	5794400320
	NC	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	5794400720
	NC	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V AC		5794405320
	NC	Single valve	3/2, with spring return			110 V AC		5794405370
	NC	Single valve	3/2, with spring return			230 V AC		5794405380
	NC	Single valve	3/2, with spring return			230 V AC		5794405780
	NC	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	12 V DC	-10 % / +10 %	5794400310

Pilot	Manual override	LED	Part No.
Internal	with detent		5794400320
Internal	with detent	Red	5794400720
Internal	with detent		5794405320
Internal	with detent		5794405370
Internal	with detent		5794405380
Internal	with detent	Red	5794405780
Internal	with detent		5794400310

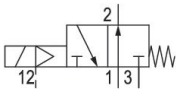
Dimensions in inches



1) Port 1 2) Port 2 3) Port 3, core Ø for M5 4) Manual override 5) Pocket hole 6 mm deep for 3.5 self-tapping screw 6) Mounting space for name plate 7) Coil can be rotated at 180° intervals 8) Pilot valve

3/2-directional valve, Series 579

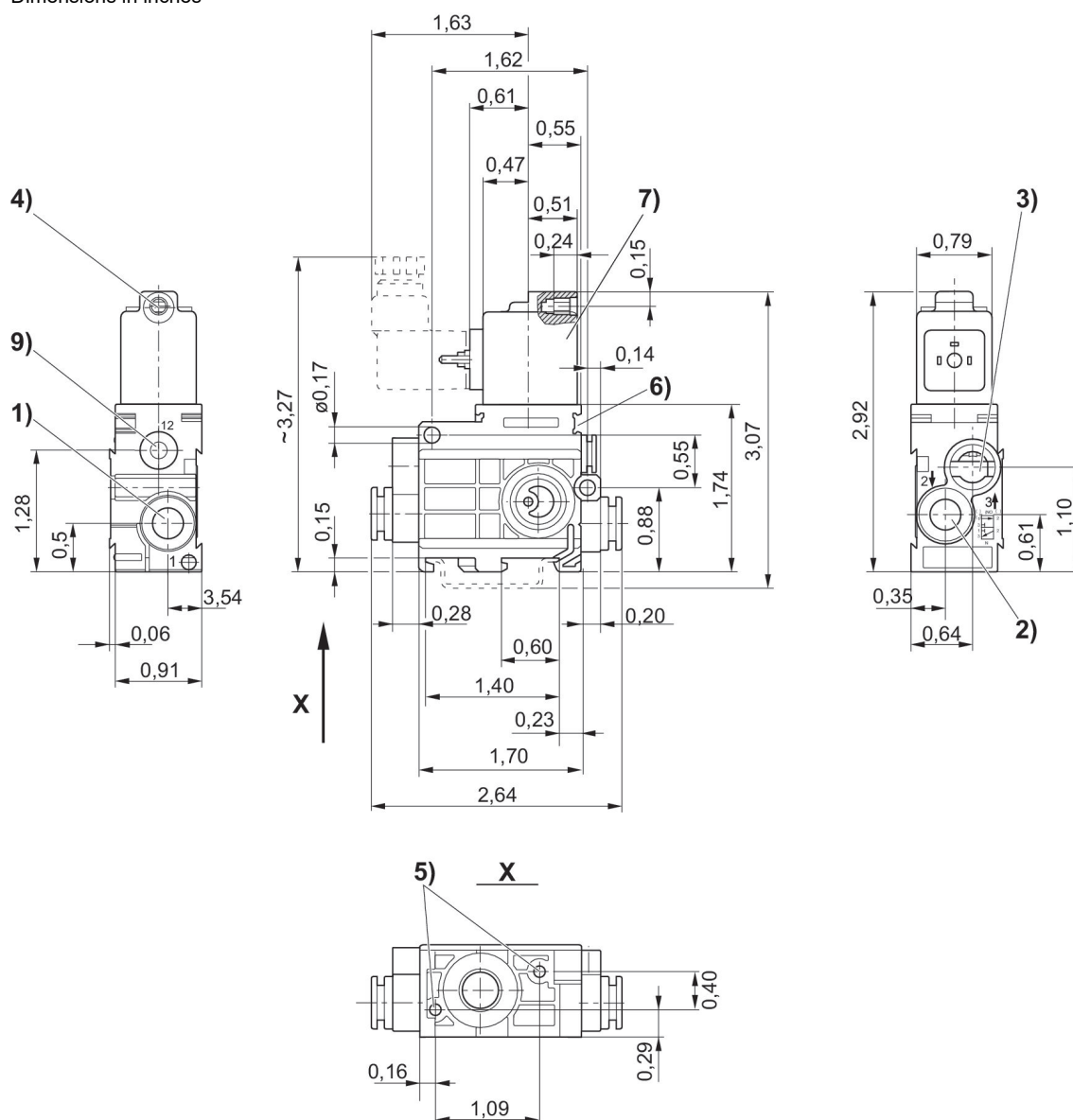
Activation: Electrically
Control pressure min./max.: 2 bar ... 8 bar
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 0.5 bar ... 8 bar



Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Min. control pressure [bar]	Part No.
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	12 V DC	-10 % / +10 %	2	5794420310
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	2	5794420320
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	2	5794420720
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V AC		2	5794425320
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	110 V AC		2	5794425370
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC		2	5794425380
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC		2	5794425780

Max. control pressure [bar]	Pilot	LED	Part No.
8	External		5794420310
8	External		5794420320
8	External	Red	5794420720
8	External		5794425320
8	External		5794425370
8	External		5794425380
8	External	Red	5794425780

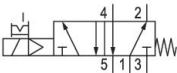
Dimensions in inches



1) port 1 2) port 2 3) port 3 4) core Ø for M 5 5) pocket hole 6 mm deep for 3.5 self-tapping screw 6) manual override 7) Pilot valve 8) coil can be rotated at 180° intervals

3/2-directional valve, Series 579

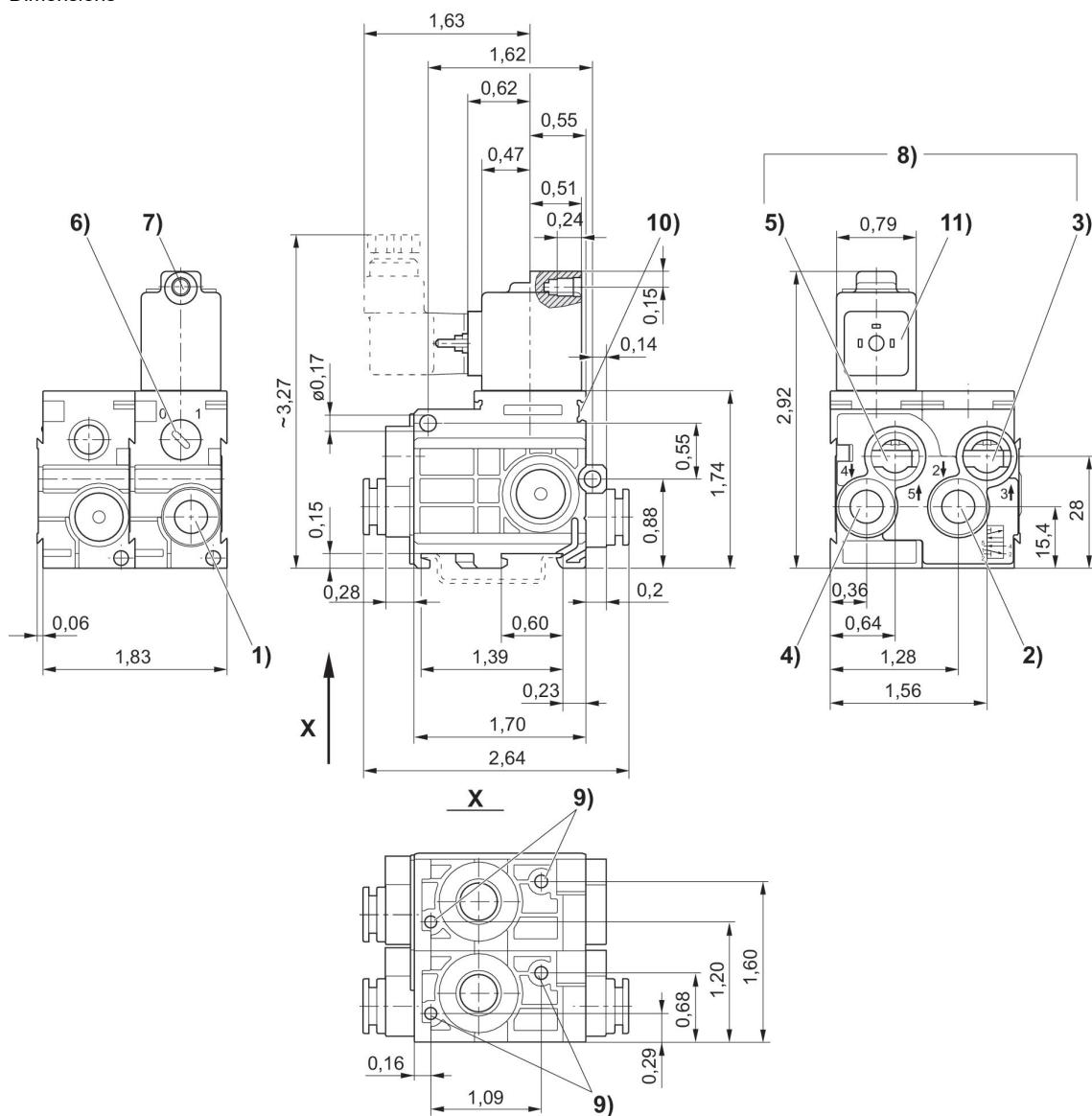
Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 2 bar ... 8 bar



Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Pilot	Manual override	Part No.
Single valve	5/2, with spring return	Ø 1/4"	Ø 1/4"	12 V DC	-10 % / +10 %	Internal	with detent	5794700310
Single valve	5/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	Internal	with detent	5794700320
Single valve	5/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	Internal	with detent	5794700720
Single valve	5/2, with spring return	Ø 1/4"	Ø 1/4"	24 V AC		Internal	with detent	5794705320
Single valve	5/2, with spring return	Ø 1/4"	Ø 1/4"	110 V AC		Internal	with detent	5794705370
Single valve	5/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC		Internal	with detent	5794705380
Single valve	5/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC		Internal	with detent	5794705780

LED	Part No.
	5794700310
	5794700320
Red	5794700720
	5794705320
	5794705370
	5794705380
Red	5794705780

Dimensions



1) port 1 2) port 2 3) port 3 4) port 4 5) port 5 6) manual override 7) core Ø for M 5 8) exhaust air must not be throttled 9) pocket hole 6 mm deep for 3.5 self-tapping screw 10) mounting space for name plate 11) coil can be rotated at 180° intervals

3/2-directional valve, Series 579

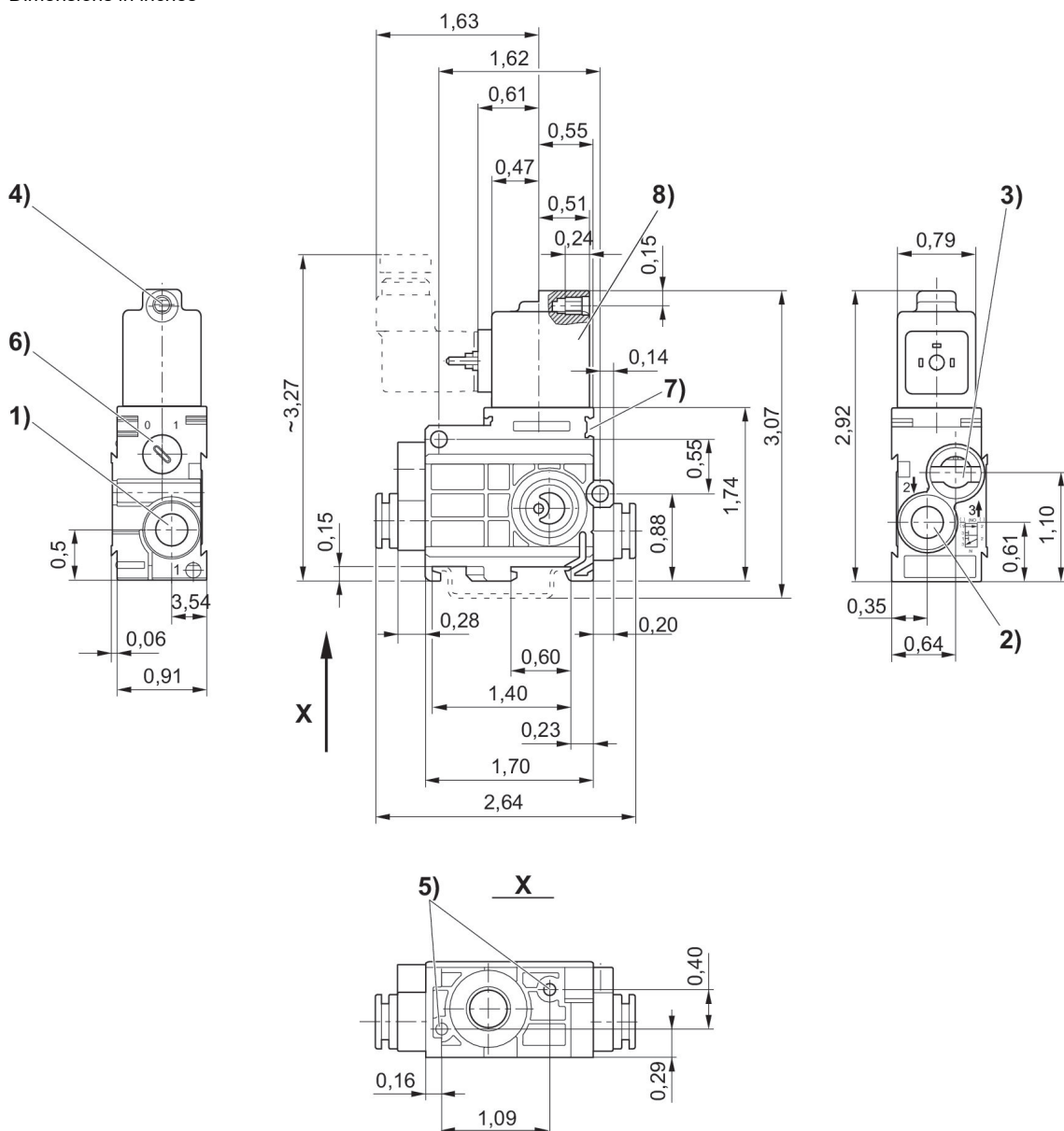
Flow: 520 l/min
Activation: Electrically
Control pressure min./max.: 2 bar ... 8 bar
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 0 bar ... 7 bar



	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Operational voltage	Voltage tolerance DC	Part No.
	NC	Single valve	3/2, with spring return	520	Ø 1/4"	12 V DC	-10 % / +10 %	5794470310
	NC	Single valve	3/2, with spring return	520	Ø 1/4"	24 V DC	-10 % / +10 %	5794470320
	NC	Single valve	3/2, with spring return	520	Ø 1/4"	24 V DC	-10 % / +10 %	5794470720
	NC	Single valve	3/2, with spring return	520	Ø 1/4"	24 V AC		5794475320
	NC	Single valve	3/2, with spring return	520	Ø 1/4"	110 V AC		5794475370
	NC	Single valve	3/2, with spring return	520	Ø 1/4"	230 V AC		5794475380
	NC	Single valve	3/2, with spring return	520	Ø 1/4"	230 V AC		5794475780

Min. control pressure [bar]	Max. control pressure [bar]	Pilot	Manual override	Part No.
2	8	Internal	with detent	5794470310
2	8	Internal	with detent	5794470320
2	8	Internal	with detent	5794470720
2	8	Internal	with detent	5794475320
2	8	Internal	with detent	5794475370
2	8	Internal	with detent	5794475380
2	8	Internal	with detent	5794475780

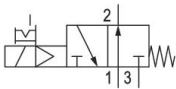
Dimensions in inches



1) Port 1 2) Port 2 3) Port 3, exhaust air must not be throttled 4) Core Ø for M5 5) Pocket hole 6 mm deep for 3.5 self-tapping screw 6) Manual override 7) Pilot valve 8) Coil can be rotated at 180° intervals

3/2-directional valve, Series 579

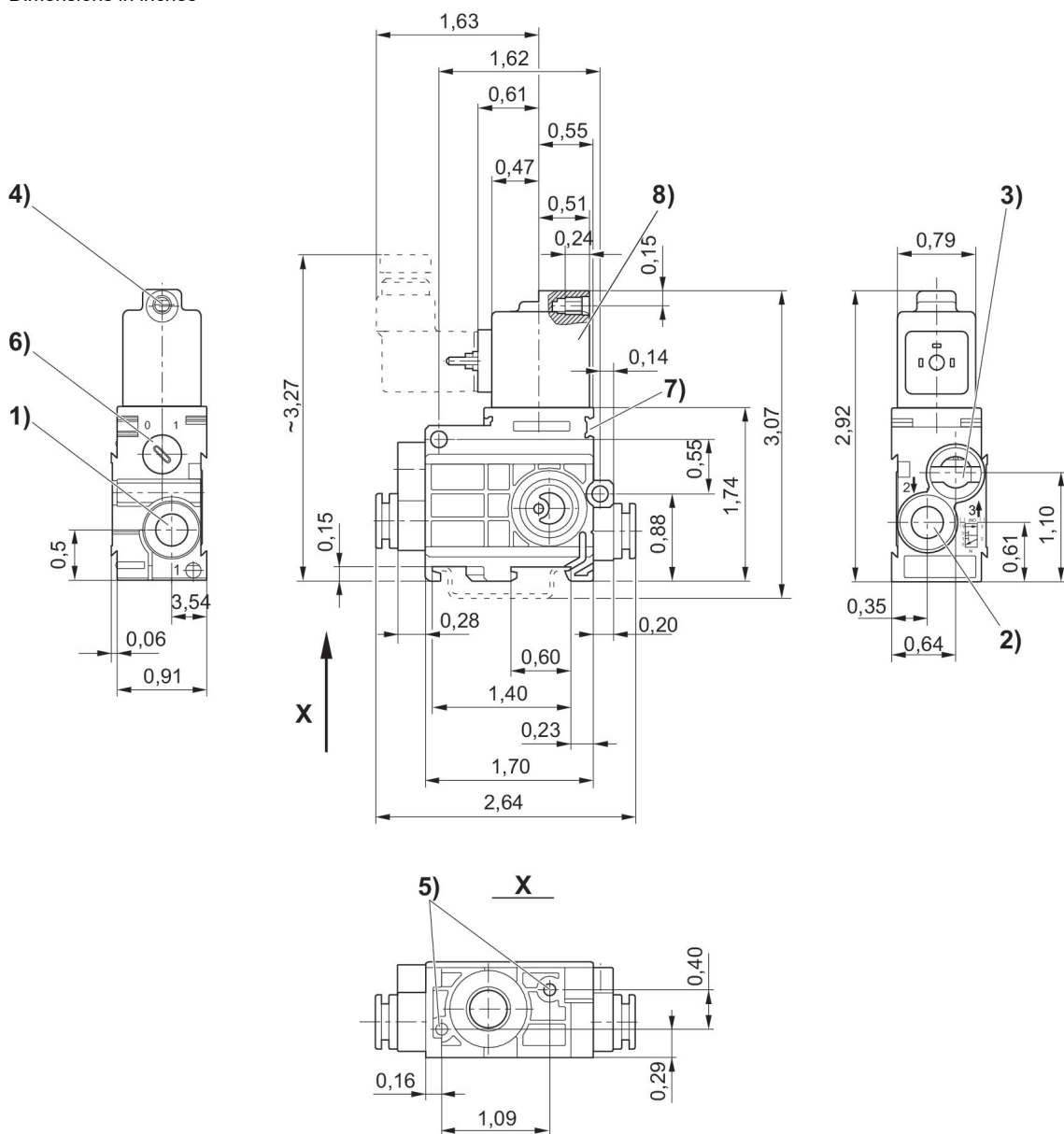
Flow: 520 l/min
Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 2 bar ... 8 bar



Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Part No.
NO	Single valve	3/2, with spring return	520	Ø 1/4"	Ø 1/4"	12 V DC	-10 % / +10 %	5794410310
NO	Single valve	3/2, with spring return	520	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	5794410320
NO	Single valve	3/2, with spring return	520	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	5794410720
NO	Single valve	3/2, with spring return	520	Ø 1/4"	Ø 1/4"	24 V AC		5794415320
NO	Single valve	3/2, with spring return	520	Ø 1/4"	Ø 1/4"	110 V AC		5794415370
NO	Single valve	3/2, with spring return	520	Ø 1/4"	Ø 1/4"	230 V AC		5794415380
NO	Single valve	3/2, with spring return	520	Ø 1/4"	Ø 1/4"	230 V AC		5794415780

Pilot	Manual override	LED	Part No.
Internal	with detent		5794410310
Internal	with detent		5794410320
Internal	with detent	Red	5794410720
Internal	with detent		5794415320
Internal	with detent		5794415370
Internal	with detent		5794415380
Internal	with detent	Red	5794415780

Dimensions in inches



1) Port 1 2) Port 2 3) Port 3, exhaust air must not be throttled 4) Core Ø for M5 5) Pocket hole 6 mm deep for 3.5 self-tapping screw 6) Manual override 7) Pilot valve 8) Coil can be rotated at 180° intervals

3/2-directional valve, Series 579, Valve unit

Flow: 520 l/min

Activation: Electrically

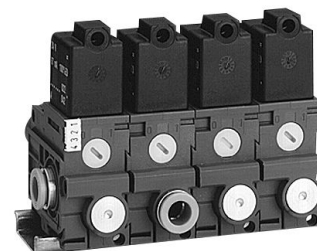
Duty cycle: 100 %

Type: Poppet valve

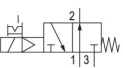
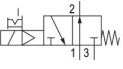
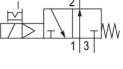
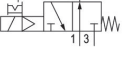
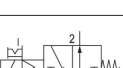
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 2 bar ... 8 bar



	Version	Basic valve	Type	Switching principle	Flow [l/min]	Operational voltage	Voltage tolerance DC	Part No.
	NO	Basic valve with coil without valve plug connector	Inlet valve	3/2, with spring return	520	12 V DC	-10 % / +10 %	5790410310
	NO		Inlet valve	3/2, with spring return	520	12 V DC	-10 % / +10 %	5790510310
	NO		Stacking valve	3/2, with spring return	520	12 V DC	-10 % / +10 %	5791510310
	NO		Stacking valve, additional pressure connection	3/2, with spring return	520	12 V DC	-10 % / +10 %	5796410310
	NO		Stacking valve, additional pressure connection	3/2, with spring return	520	12 V DC	-10 % / +10 %	5796510310
	NO		End valve	3/2, with spring return	520	12 V DC	-10 % / +10 %	5792510310
	NO		Stacking valve, additional pressure connection	3/2, with spring return	520	24 V DC	-10 % / +10 %	5796410320
	NO		Inlet valve	3/2, with spring return	520	24 V DC	-10 % / +10 %	5790510320
	NO		Stacking valve	3/2, with spring return	520	24 V DC	-10 % / +10 %	5791510320
	NO		Stacking valve, additional pressure connection	3/2, with spring return	520	24 V DC	-10 % / +10 %	5796510320
	NO		End valve	3/2, with spring return	520	24 V DC	-10 % / +10 %	5792510320

	Version	Basic valve	Type	Switching principle	Flow [l/min]	Operational voltage	Voltage tolerance DC	Part No.
	NO		Inlet valve	3/2, with spring return	520	24 V DC	-10 % / +10 %	5790410720
	NO		Inlet valve	3/2, with spring return	520	24 V DC	-10 % / +10 %	5790510720
	NO		Stacking valve	3/2, with spring return	520	24 V DC	-10 % / +10 %	5791510720
	NO		Stacking valve, additional pressure connection	3/2, with spring return	520	24 V DC	-10 % / +10 %	5796410720
	NO		Stacking valve, additional pressure connection	3/2, with spring return	520	24 V DC	-10 % / +10 %	5796510720
	NO		End valve	3/2, with spring return	520	24 V DC	-10 % / +10 %	5792510720

Pilot	Manual override	Part No.
Internal	with detent	5790410310
Internal	with detent	5790510310
Internal	with detent	5791510310
Internal	with detent	5796410310
Internal	with detent	5796510310
Internal	with detent	5792510310
Internal	with detent	5796410320
Internal	with detent	5790510320
Internal	with detent	5791510320
Internal	with detent	5796510320
Internal	with detent	5792510320
Internal	with detent	5790410720
Internal	with detent	5790510720
Internal	with detent	5791510720
Internal	with detent	5796410720
Internal	with detent	5796510720
Internal	with detent	5792510720

I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Activation: Electrically

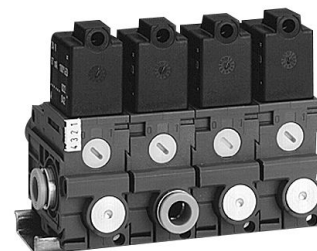
Duty cycle: 100 %

Type: Poppet valve

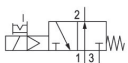
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 2 bar ... 8 bar

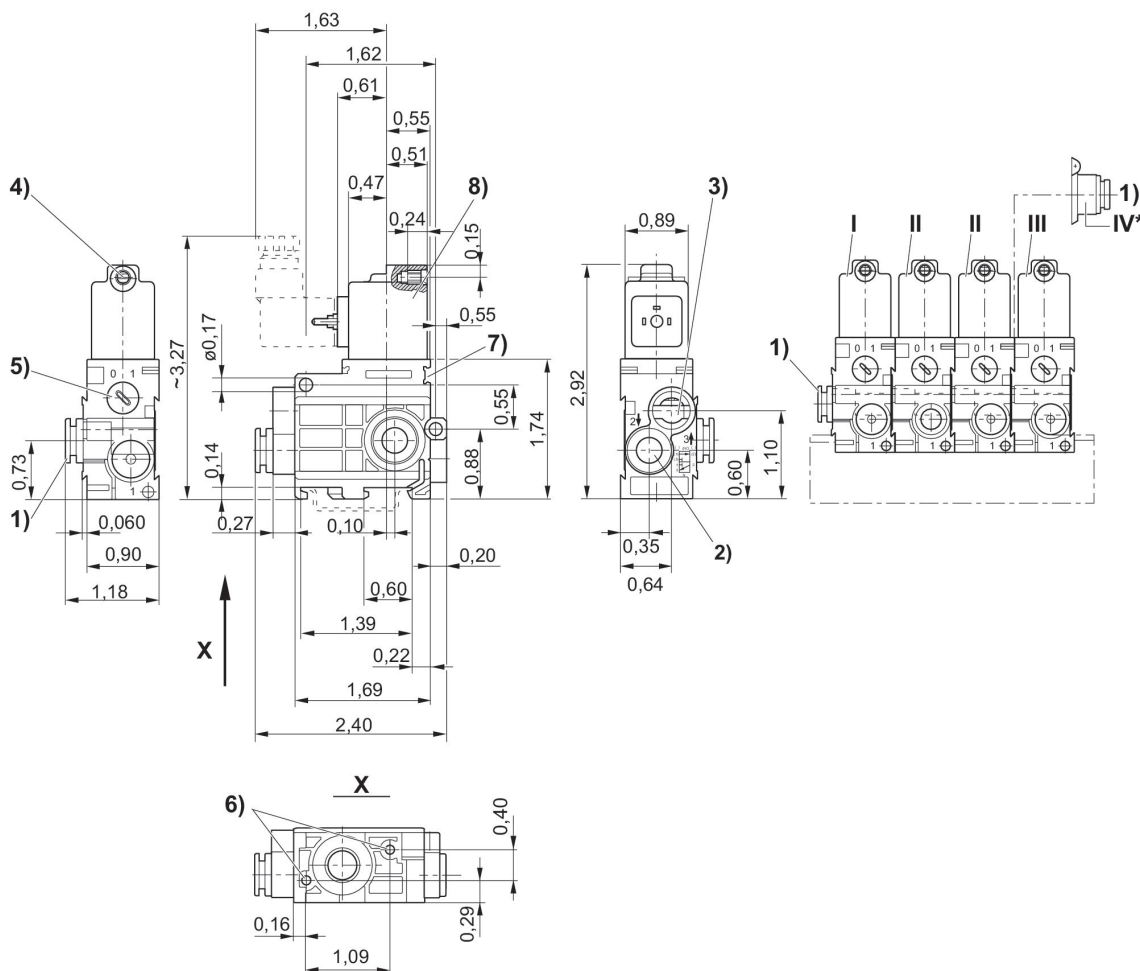


	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Pilot	Part No.
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V AC	Internal	5790415320
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	5/16"	24 V AC	Internal	5790515320
	NO	Stacking valve	3/2, with spring return		Ø 1/4"	24 V AC	Internal	5791515320
	NO	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V AC	Internal	5796415320
	NO	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	5/16"	24 V AC	Internal	5796515320
	NO	End valve	3/2, with spring return		Ø 1/4"	24 V AC	Internal	5792515320
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	110 V AC	Internal	5790415370
	NO	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	110 V AC	Internal	5790515370
	NO	Stacking valve	3/2, with spring return		Ø 1/4"	110 V AC	Internal	5791515370
	NO	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	110 V AC	Internal	5796415370
	NO	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	110 V AC	Internal	5796515370

	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Pilot	Part No.
	NO	End valve	3/2, with spring return		Ø 1/4"	110 V AC	Internal	5792515370

Manual override	Part No.
with detent	5790415320
with detent	5790515320
with detent	5791515320
with detent	5796415320
with detent	5796515320
with detent	5792515320
with detent	5790415370
with detent	5790515370
with detent	5791515370
with detent	5796415370
with detent	5796515370
with detent	5792515370

Dimensions in inches



1) Port 1 2) Port 2 3) Port 3, exhaust air must not be throttled 4) Core Ø for M5 5) Manual override 6) Pocket hole 6 mm deep for 3.5 self-tapping screw 7) Mounting space for name plate 8) Coil can be rotated at 180° intervals * Air conn. module (item IV) mounted onto stacking valve (item II) permits additional air supply from right hand side. End valve (item III) not required.
I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Activation: Electrically

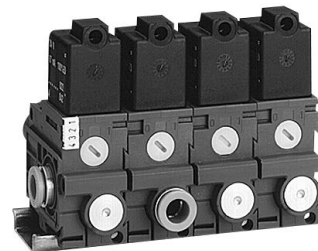
Duty cycle: 100 %

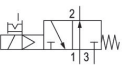
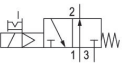
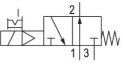
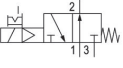
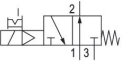
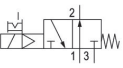
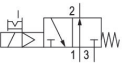
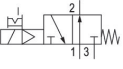
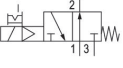
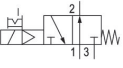
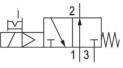
Type: Poppet valve

Ambient temperature min./max.: -15 °C ... 50 °C

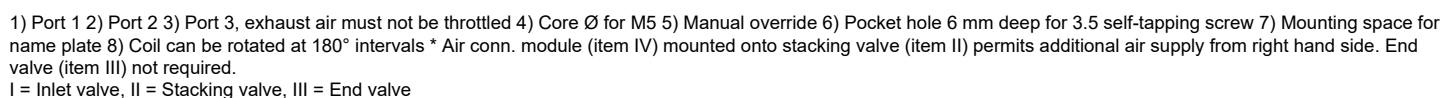
Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 2 bar ... 8 bar



	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Pilot	Part No.
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	Internal	5790415380
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	Internal	5790515380
	NO	Stacking valve	3/2, with spring return		Ø 1/4"	230 V AC	Internal	5791515380
	NO	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	Internal	5796415380
	NO	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	Internal	5796515380
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	Internal	5790415780
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	Internal	5790515780
	NO	Stacking valve	3/2, with spring return		Ø 1/4"	230 V AC	Internal	5791515780
	NO	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	Internal	5796415780
	NO	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	Internal	5792515380
	NO	End valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	Internal	5796515780

Dimensions in inches



3/2-directional valve, Series 579, Valve unit

Activation: Electrically

Duty cycle: 100 %

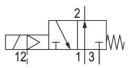
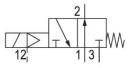
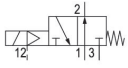
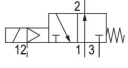
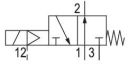
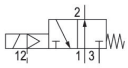
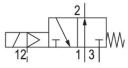
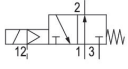
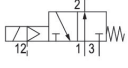
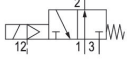
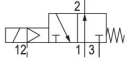
Type: Poppet valve

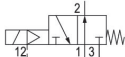
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 2 bar ... 8 bar

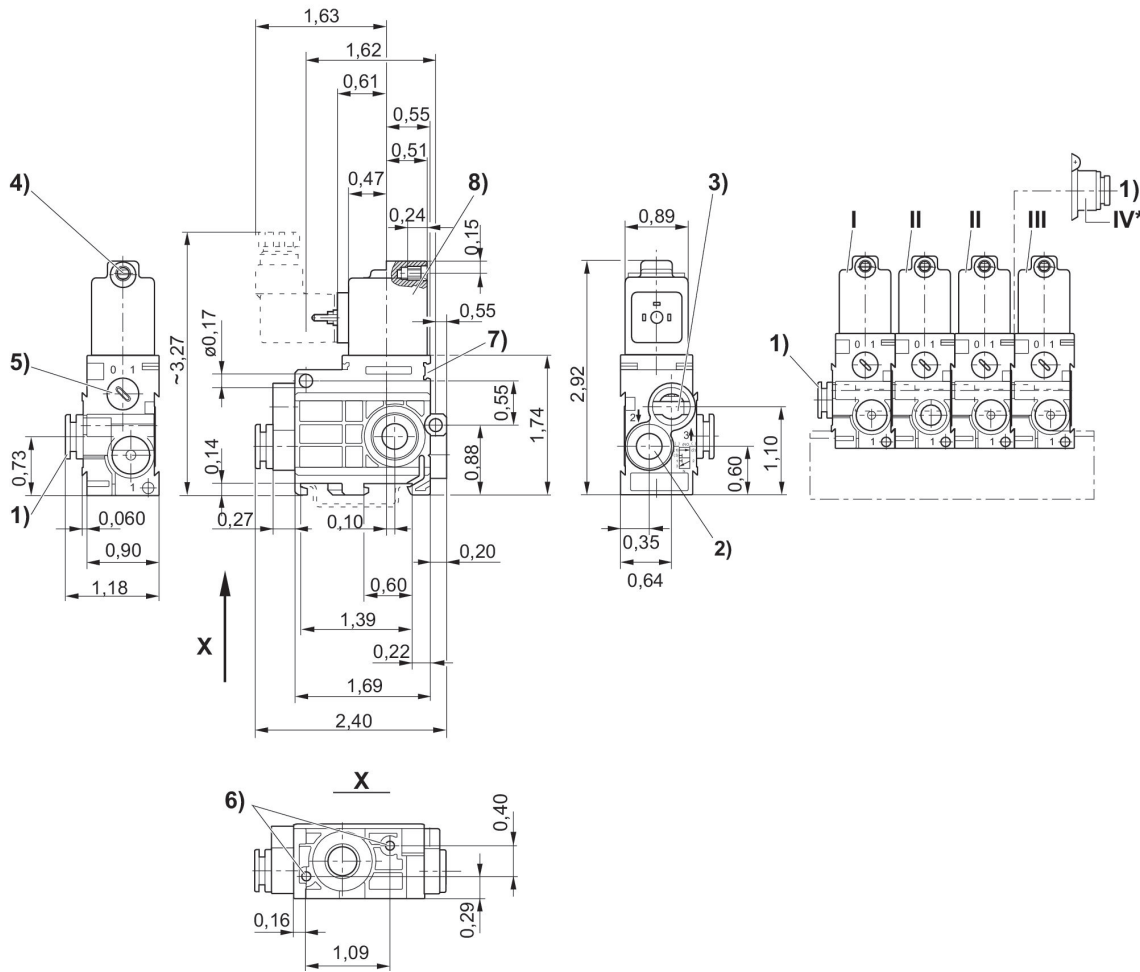


	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Pilot	Part No.
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V AC	Internal	5790425320
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V AC	Internal	5790525320
	NO	Stacking valve	3/2, with spring return		Ø 1/4"	24 V AC	Internal	5791525320
	NO	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V AC	Internal	5796425320
	NO	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V AC	Internal	5796525320
	NO	End valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V AC	Internal	5792525320
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	110 V AC	Internal	5790425370
	NO	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	110 V AC	Internal	5790525370
	NO	Stacking valve	3/2, with spring return		Ø 1/4"	110 V AC	Internal	5791525370
	NO	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	110 V AC	Internal	5796425370
	NO	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	110 V AC	Internal	5796525370

	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Pilot	Part No.
	NO	End valve	3/2, with spring return		Ø 1/4"	110 V AC	Internal	5792525370

Manual override	Part No.
with detent	5790425320
with detent	5790525320
with detent	5791525320
with detent	5796425320
with detent	5796525320
with detent	5792525320
with detent	5790425370
with detent	5790525370
with detent	5791525370
with detent	5796425370
with detent	5796525370
with detent	5792525370

Dimensions in inches

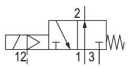
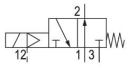
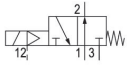
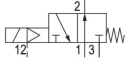
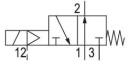
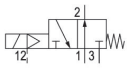
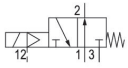
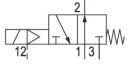
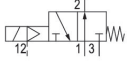
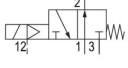


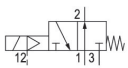
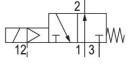
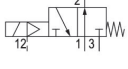
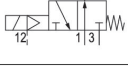
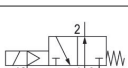
1) Port 1 2) Port 2 3) Port 3, exhaust air must not be throttled 4) Core Ø for M5 5) Manual override 6) Pocket hole 6 mm deep for 3.5 self-tapping screw 7) Mounting space for name plate 8) Coil can be rotated at 180° intervals * Air conn. module (item IV) mounted onto stacking valve (item II) permits additional air supply from right hand side. End valve (item III) not required.
I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Activation: Electrically
Control pressure min./max.: 2 bar ... 8 bar
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 0.5 bar ... 8 bar



	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Part No.
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	12 V DC	-10 % / +10 %	5790420310
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	5/16"	12 V DC	-10 % / +10 %	5790520310
	NO	Stacking valve	3/2, with spring return		Ø 1/4"	12 V DC	-10 % / +10 %	5791520310
	NO	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	12 V DC	-10 % / +10 %	5796420310
	NO	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	12 V DC	-10 % / +10 %	5796520310
	NO	End valve	3/2, with spring return		Ø 1/4"	12 V DC	-10 % / +10 %	5792520310
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	5790420320
	NO	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	24 V DC	-10 % / +10 %	5790520320
	NO	Stacking valve	3/2, with spring return		Ø 1/4"	24 V DC	-10 % / +10 %	5791520320
	NO	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	5796420320
	NO	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	24 V DC	-10 % / +10 %	5796520320

	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Part No.
	NO	End valve	3/2, with spring return		Ø 1/4"	24 V DC	-10 % / +10 %	5792520320
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	5790420720
	NO	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	24 V DC	-10 % / +10 %	5790520720
	NO	Stacking valve	3/2, with spring return		Ø 1/4"	24 V DC	-10 % / +10 %	5791520720
	NO	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	5796420720
	NO	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	24 V DC	-10 % / +10 %	5796520720
	NO	End valve	3/2, with spring return		Ø 1/4"	24 V DC	-10 % / +10 %	5792520720

Min. control pressure [bar]	Max. control pressure [bar]	Pilot	Part No.
2	8	External	5790420310
2	8	External	5790520310
2	8	External	5791520310
2	8	External	5796420310
2	8	External	5796520310
2	8	External	5792520310
2	8	External	5790420320
2	8	External	5790520320
2	8	External	5791520320
2	8	External	5796420320
2	8	External	5796520320
2	8	External	5792520320
2	8	External	5790420720
2	8	External	5790520720
2	8	External	5791520720
2	8	External	5796420720
2	8	External	5796520720
2	8	External	5792520720

I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Activation: Electrically

Control pressure min./max.: 2 bar ... 8 bar

Duty cycle: 100 %

Type: Poppet valve

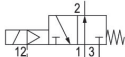
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 0.5 bar ... 8 bar



	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Min. control pressure [bar]	Part No.
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	2	5790425380
	NO	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	230 V AC	2	5790525380
	NO	Stacking valve	3/2, with spring return		Ø 1/4"	230 V AC	2	5791525380
	NO	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	2	5796425380
	NO	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	230 V AC	2	5796525380
	NO	End valve	3/2, with spring return		Ø 1/4"	230 V AC	2	5792525380
	NO	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	2	5790425780
	NO	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	230 V AC	2	5790525780
	NO	Stacking valve	3/2, with spring return		Ø 1/4"	230 V AC	2	5791525780
	NO	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	2	5796425780
	NO	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	230 V AC	2	5796525780

	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Min. control pressure [bar]	Part No.
	NO	End valve	3/2, with spring return		Ø 1/4"	230 V AC	2	5792525780

Max. control pressure [bar]	Pilot	Part No.
8	External	5790425380
8	External	5790525380
8	External	5791525380
8	External	5796425380
8	External	5796525380
8	External	5792525380
8	External	5790425780
8	External	5790525780
8	External	5791525780
8	External	5796425780
8	External	5796525780
8	External	5792525780

Technical drawing of the 4-way solenoid valve 4000, showing front, side, and top views with dimensions in mm. The drawing includes callouts 1 through 8 pointing to specific features. Dimensions include overall length 2.40, width 1.63, and various port and mounting dimensions. A note indicates a maximum pressure of 10 bar.

I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Activation: Electrically

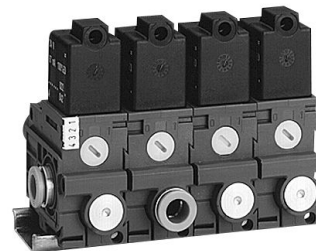
Duty cycle: 100 %

Type: Poppet valve

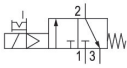
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 2 bar ... 8 bar



	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Pilot	Part No.
	NC	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V AC	Internal	5790405320
	NC	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	24 V AC	Internal	5790505320
	NC	Stacking valve	3/2, with spring return		Ø 1/4"	24 V AC	Internal	5791505320
	NC	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V AC	Internal	5796405320
	NC	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	24 V AC	Internal	5796505320
	NC	End valve	3/2, with spring return		Ø 1/4"	24 V AC	Internal	5792505320
	NC	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	110 V AC	Internal	5790405370
	NC	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	110 V AC	Internal	5790505370
	NC	Stacking valve	3/2, with spring return		Ø 1/4"	110 V AC	Internal	5791505370
	NC	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	110 V AC	Internal	5796405370
	NC	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	110 V AC	Internal	5796505370

	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Pilot	Part No.
	NC	End valve	3/2, with spring return		Ø 1/4"	110 V AC	Internal	5792505370

Manual override	Part No.
with detent	5790405320
with detent	5790505320
with detent	5791505320
with detent	5796405320
with detent	5796505320
with detent	5792505320
with detent	5790405370
with detent	5790505370
with detent	5791505370
with detent	5796405370
with detent	5796505370
with detent	5792505370

Technical drawing of a 4/3-way solenoid valve, showing multiple views and dimensions in millimeters.

Views and Dimensions:

- Top View (Left):** Shows the valve body with dimensions: 1.63 (total width), 1.62 (width to center), 0.61 (width to port center), 0.55 (width to port center), 0.51 (width to port center), 0.47 (width to port center), 0.24 (width to port center), 0.15 (width to port center), 0.55 (width to port center), 0.27 (width to port center), 0.10 (width to port center), 0.60 (width to port center), 1.39 (width to port center), 0.22 (width to port center), 1.69 (width to port center), 2.40 (width to port center).
- Front View (Left):** Shows the valve body with dimensions: 1.18 (total width), 0.90 (width to center), 0.060 (width to center), 0.73 (width to center), 0.14 (width to center), 0.27 (width to center), 0.10 (width to center), 0.60 (width to center), 1.39 (width to center), 0.22 (width to center), 1.69 (width to center), 2.40 (width to center).
- Side View (Left):** Shows the valve body with dimensions: 1.62 (width to center), 0.61 (width to port center), 0.55 (width to port center), 0.51 (width to port center), 0.47 (width to port center), 0.24 (width to port center), 0.15 (width to port center), 0.55 (width to port center), 0.27 (width to port center), 0.10 (width to port center), 0.60 (width to port center), 1.39 (width to port center), 0.22 (width to port center), 1.69 (width to port center), 2.40 (width to port center).
- Front View (Right):** Shows the valve body with dimensions: 1.18 (total width), 0.90 (width to center), 0.060 (width to center), 0.73 (width to center), 0.14 (width to center), 0.27 (width to center), 0.10 (width to center), 0.60 (width to center), 1.39 (width to center), 0.22 (width to center), 1.69 (width to center), 2.40 (width to center).
- Side View (Right):** Shows the valve body with dimensions: 1.62 (width to center), 0.61 (width to port center), 0.55 (width to port center), 0.51 (width to port center), 0.47 (width to port center), 0.24 (width to port center), 0.15 (width to port center), 0.55 (width to port center), 0.27 (width to port center), 0.10 (width to port center), 0.60 (width to port center), 1.39 (width to port center), 0.22 (width to port center), 1.69 (width to port center), 2.40 (width to port center).
- Top View (Right):** Shows the valve body with dimensions: 1.62 (width to center), 0.61 (width to port center), 0.55 (width to port center), 0.51 (width to port center), 0.47 (width to port center), 0.24 (width to port center), 0.15 (width to port center), 0.55 (width to port center), 0.27 (width to port center), 0.10 (width to port center), 0.60 (width to port center), 1.39 (width to port center), 0.22 (width to port center), 1.69 (width to port center), 2.40 (width to port center).
- Front View (Bottom):** Shows the valve body with dimensions: 1.18 (total width), 0.90 (width to center), 0.060 (width to center), 0.73 (width to center), 0.14 (width to center), 0.27 (width to center), 0.10 (width to center), 0.60 (width to center), 1.39 (width to center), 0.22 (width to center), 1.69 (width to center), 2.40 (width to center).
- Side View (Bottom):** Shows the valve body with dimensions: 1.62 (width to center), 0.61 (width to port center), 0.55 (width to port center), 0.51 (width to port center), 0.47 (width to port center), 0.24 (width to port center), 0.15 (width to port center), 0.55 (width to port center), 0.27 (width to port center), 0.10 (width to port center), 0.60 (width to port center), 1.39 (width to port center), 0.22 (width to port center), 1.69 (width to port center), 2.40 (width to port center).

Callouts:

- 1) Solenoid coil
- 2) Valve body
- 3) Port
- 4) Solenoid coil
- 5) Valve body
- 6) Port
- 7) Solenoid coil
- 8) Valve body

I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Activation: Electrically

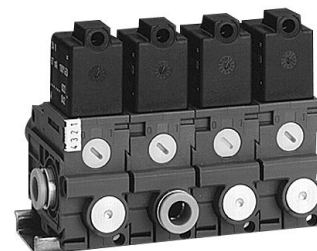
Duty cycle: 100 %

Type: Poppet valve

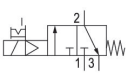
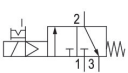
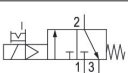
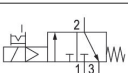
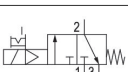
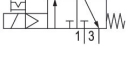
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 2 bar ... 8 bar



	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Part No.
	NC	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	12 V DC	-10 % / +10 %	5790400310
	NC	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	12 V DC	-10 % / +10 %	5790500310
	NC	Stacking valve	3/2, with spring return		Ø 1/4"	12 V DC	-10 % / +10 %	5791500310
	NC	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	12 V DC	-10 % / +10 %	5796400310
	NC	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	12 V DC	-10 % / +10 %	5796500310
	NC	End valve	3/2, with spring return		Ø 1/4"	12 V DC	-10 % / +10 %	5792500310
	NC	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	5790400320
	NC	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	24 V DC	-10 % / +10 %	5790500320
	NC	Stacking valve	3/2, with spring return		Ø 1/4"	24 V DC	-10 % / +10 %	5791500320
	NC	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	5796400320
	NC	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	24 V DC	-10 % / +10 %	5796500320

	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Part No.
	NC	End valve	3/2, with spring return		Ø 1/4"	24 V DC	-10 % / +10 %	5792500320
	NC	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	5790400720
	NC	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	24 V DC	-10 % / +10 %	5790500720
	NC	Stacking valve	3/2, with spring return		Ø 1/4"	24 V DC	-10 % / +10 %	5791500720
	NC	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	5796400720
	NC	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	24 V DC	-10 % / +10 %	5796500720
	NC	End valve	3/2, with spring return		Ø 1/4"	24 V DC	-10 % / +10 %	5792500720

Pilot	Manual override	Part No.
Internal	with detent	5790400310
Internal	with detent	5790500310
Internal	with detent	5791500310
Internal	with detent	5796400310
Internal	with detent	5796500310
Internal	with detent	5792500310
Internal	with detent	5790400320
Internal	with detent	5790500320
Internal	with detent	5791500320
Internal	with detent	5796400320
Internal	with detent	5796500320
Internal	with detent	5792500320
Internal	with detent	5790400720
Internal	with detent	5790500720
Internal	with detent	5791500720
Internal	with detent	5796400720
Internal	with detent	5796500720
Internal	with detent	5792500720

I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Activation: Electrically

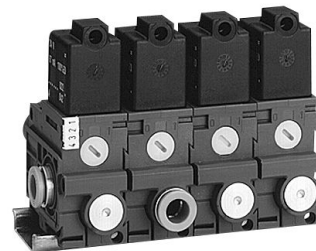
Duty cycle: 100 %

Type: Poppet valve

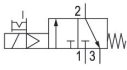
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 2 bar ... 8 bar



	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Pilot	Part No.
	NC	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	Internal	5790405380
	NC	Stacking valve	3/2, with spring return	5/16"	Ø 1/4"	230 V AC	Internal	5790505380
	NC	Stacking valve, additional pressure connection	3/2, with spring return		Ø 1/4"	230 V AC	Internal	5791505380
	NC	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	Internal	5796405380
	NC	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	230 V AC	Internal	5796505380
	NC	End valve	3/2, with spring return		Ø 1/4"	230 V AC	Internal	5792505380
	NC	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	Internal	5790405780
	NC	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	230 V AC	Internal	5790505780
	NC	Stacking valve	3/2, with spring return		Ø 1/4"	230 V AC	Internal	5791505780
	NC	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	Internal	5796405780
	NC	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	230 V AC	Internal	5796505780

	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Pilot	Part No.
		sure connection						
	NC	End valve	3/2, with spring return		Ø 1/4"	230 V AC	Internal	5792505780

Manual override	Part No.
with detent	5790405380
with detent	5790505380
with detent	5791505380
with detent	5796405380
with detent	5796505380
with detent	5792505380
with detent	5790405780
with detent	5790505780
with detent	5791505780
with detent	5796405780
with detent	5796505780
with detent	5792505780

Technical drawing of the 4/3-way solenoid valve 3232-10. The drawing includes a front view (top left), a side view (top right), a top view (bottom left), and a perspective view (bottom right). Dimensions are given in millimeters. Key features include a solenoid coil (1), a manual override (2), and a pressure indicator (3). The valve has four ports labeled I, II, III, and IV. A dashed line indicates the internal flow path. A coordinate system with X and Y axes is shown.

I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Activation: Electrically

Control pressure min./max.: 2 bar ... 8 bar

Duty cycle: 100 %

Type: Poppet valve

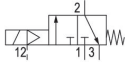
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 0.5 bar ... 8 bar



	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Min. control pressure [bar]	Part No.
	NC	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V AC	2	5790475320
	NC	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	24 V AC	2	5790575320
	NC	Stacking valve	3/2, with spring return		Ø 1/4"	24 V AC	2	5791575320
	NC	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V AC	2	5796475320
	NC	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	24 V AC	2	5796575320
	NC	End valve	3/2, with spring return		Ø 1/4"	24 V AC	2	5792575320
	NC	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	110 V AC	2	5790475370
	NC	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	110 V AC	2	5790575370
	NC	Stacking valve	3/2, with spring return		Ø 1/4"	110 V AC	2	5791575370
	NC	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	110 V AC	2	5796475370
	NC	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	110 V AC	2	5796575370

	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Min. control pressure [bar]	Part No.
	NC	End valve	3/2, with spring return		Ø 1/4"	110 V AC	2	5792575370

Max. control pressure [bar]	Pilot	Part No.
8	External	5790475320
8	External	5790575320
8	External	5791575320
8	External	5796475320
8	External	5796575320
8	External	5792575320
8	External	5790475370
8	External	5790575370
8	External	5791575370
8	External	5796475370
8	External	5796575370
8	External	5792575370

I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Activation: Electrically

Control pressure min./max.: 2 bar ... 8 bar

Duty cycle: 100 %

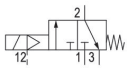
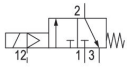
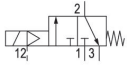
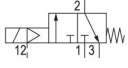
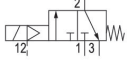
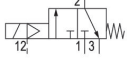
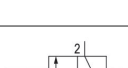
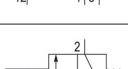
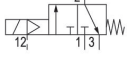
Type: Poppet valve

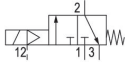
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 0.5 bar ... 8 bar

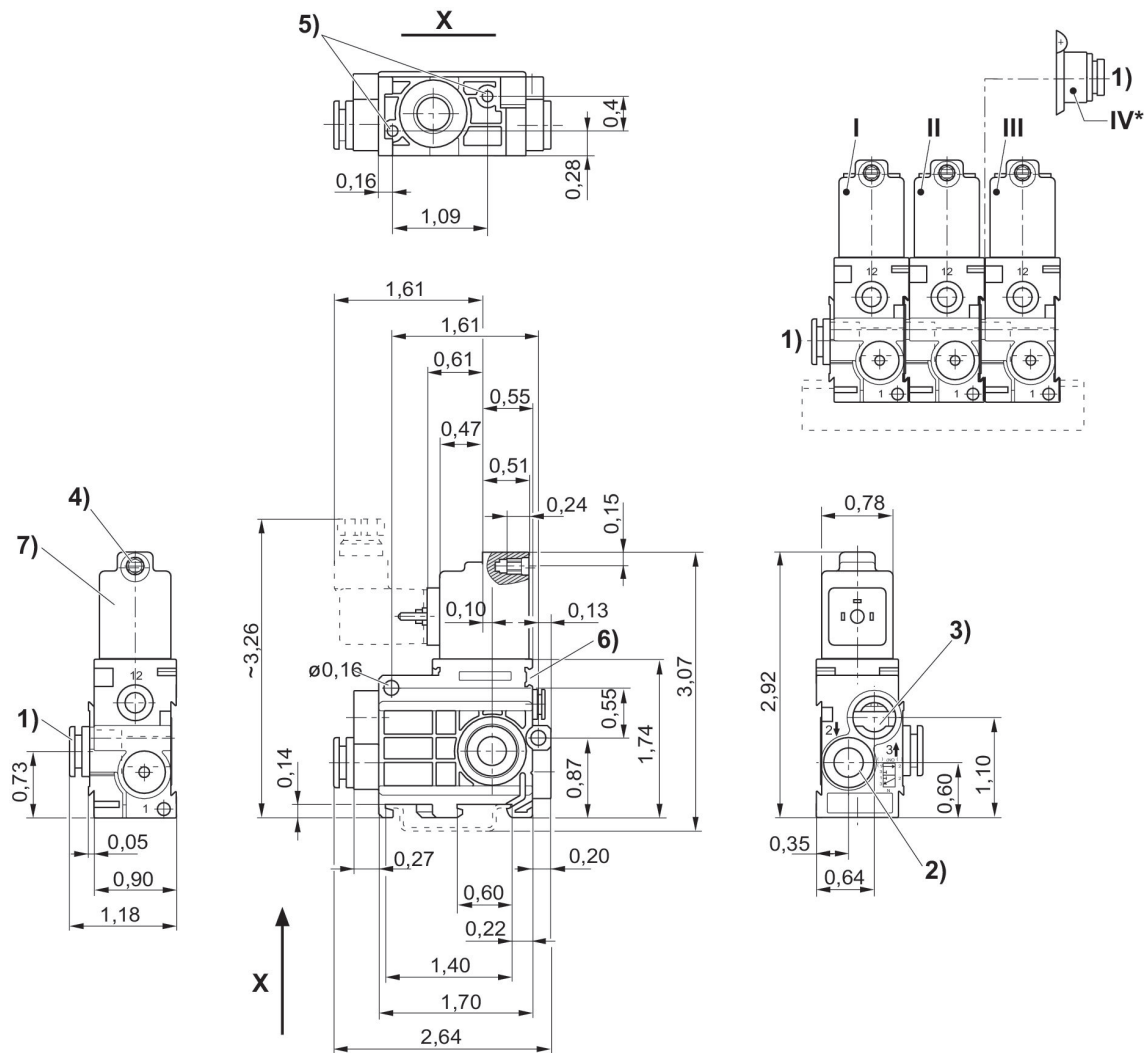


	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Min. control pressure [bar]	Part No.
	NC	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	2	5790475380
	NC	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	230 V AC	2	5790575380
	NC	Stacking valve	3/2, with spring return		Ø 1/4"	230 V AC	2	5791575380
	NC	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	2	5790475780
	NC	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	230 V AC	2	5790575780
	NC	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	2	5796475380
	NC	Stacking valve	3/2, with spring return		Ø 1/4"	230 V AC	2	5791575780
	NC	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	230 V AC	2	5796475780
	NC	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	230 V AC	2	5796575380
	NC	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	230 V AC	2	5796575780
	NC	End valve	3/2, with spring return		Ø 1/4"	230 V AC	2	5792575380

	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Min. control pressure [bar]	Part No.
	NC	End valve	3/2, with spring return		Ø 1/4"	230 V AC	2	5792575780

Max. control pressure [bar]	Pilot	Part No.
8	External	5790475380
8	External	5790575380
8	External	5791575380
8	External	5790475780
8	External	5790575780
8	External	5796475380
8	External	5791575780
8	External	5796475780
8	External	5796575380
8	External	5796575780
8	External	5792575380
8	External	5792575780

Dimensions in inches



1) Port 1 2) Port 2 3) Port 3, exhaust air must not be throttled 4) Core Ø for M5 5) Pocket hole 6 mm deep for 3.5 self-tapping screw 6) Mounting space for name plate 7) Coil can be rotated at 180° intervals 8) Port 12 * Air connection module (item IV) mounted onto stacking valve (item II) permits additional air supply from right hand side. End valve (item III) not required.
I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Valve unit

Activation: Electrically

Control pressure min./max.: 2 bar ... 8 bar

Duty cycle: 100 %

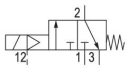
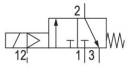
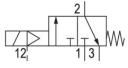
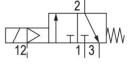
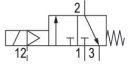
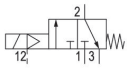
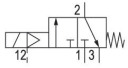
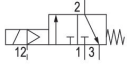
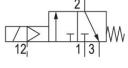
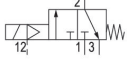
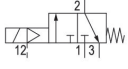
Type: Poppet valve

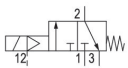
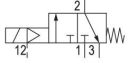
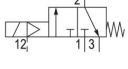
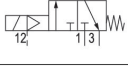
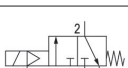
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 0.5 bar ... 8 bar



	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Part No.
	NC	Inlet valve	3/2, with spring return		Ø 1/4"	12 V DC	-10 % / +10 %	5790470310
	NC	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	12 V DC	-10 % / +10 %	5790570310
	NC	Stacking valve	3/2, with spring return		Ø 1/4"	12 V DC	-10 % / +10 %	5791570310
	NC	Stacking valve, additional pressure connection	3/2, with spring return		Ø 1/4"	12 V DC	-10 % / +10 %	5796470310
	NC	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	12 V DC	-10 % / +10 %	5796570310
	NC	End valve	3/2, with spring return		Ø 1/4"	12 V DC	-10 % / +10 %	5792570310
	NC	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	5790470320
	NC	Inlet valve	3/2, with spring return	5/16"	Ø 1/4"			5790570320
	NC	Stacking valve	3/2, with spring return		Ø 1/4"			5791570320
	NC	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"			5796470320
	NC	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"			5796570320

	Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Part No.
	NC	End valve	3/2, with spring return		Ø 1/4"			5792570320
	NC	Inlet valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	5790470720
		Inlet valve	3/2, with spring return	5/16"	Ø 1/4"	24 V DC	-10 % / +10 %	5790570720
	NC	Stacking valve	3/2, with spring return		Ø 1/4"	24 V DC	-10 % / +10 %	5791570720
	NC	Stacking valve, additional pressure connection	3/2, with spring return	Ø 1/4"	Ø 1/4"	24 V DC	-10 % / +10 %	5796470720
	NC	Stacking valve, additional pressure connection	3/2, with spring return	5/16"	Ø 1/4"	24 V DC	-10 % / +10 %	5796570720
	NC	End valve	3/2, with spring return		Ø 1/4"	24 V DC	-10 % / +10 %	5792570720

Min. control pressure [bar]	Max. control pressure [bar]	Pilot	Manual override	Part No.
2	8	External	with detent	5790470310
2	8	External	with detent	5790570310
2	8	External	with detent	5791570310
2	8	External	with detent	5796470310
2	8	External	with detent	5796570310
2	8	External	with detent	5792570310
2	8	External	with detent	5790470320
2	8	External	with detent	5790570320
2	8	External	with detent	5791570320
2	8	External	with detent	5796470320
2	8	External	with detent	5796570320
2	8	External	with detent	5792570320
2	8	External	with detent	5790470720
2	8	External	with detent	5790570720
2	8	External	with detent	5791570720
2	8	External	with detent	5796470720
2	8	External	with detent	5796570720
2	8	External	with detent	5792570720

I = Inlet valve, II = Stacking valve, III = End valve

3/2-directional valve, Series 579, Single valve

Activation: Pneumatically
Control pressure min./max.: 2 bar ... 10 bar
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 60 °C
Medium temperature min./max.: -15 °C ... 60 °C
Working pressure min./max.: 0.5 bar ... 8 bar



	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Min. control pressure [bar]	Part No.
	NC	Single valve	3/2 NC, with spring return	520	Ø 6x1	Ø 6x1	2	5794400000
	NC	Single valve	3/2 NC, with spring return	850	Ø 8x1	Ø 8x1	2	5794600000
	NO	Single valve	3/2 NO, with spring return	520	Ø 6x1	Ø 6x1	2	5794400010
	NO	Single valve	3/2 NO, with spring return	600	Ø 8x1	Ø 8x1	2	5794600010

Max. control pressure [bar]	Part No.
10	5794400000
10	5794600000
10	5794400010
10	5794600010

Technical drawing of a 3D printed part, showing six views (1) through (6) and dimensions in millimeters.

View 1 (Front View): Shows the front of the part. Dimensions include a total width of 23 mm, a central hole diameter of $\varnothing 4,2$ mm, and a distance of 12,8 mm from the bottom edge to the center of the hole. A small feature is labeled 1).

View 2 (Top View): Shows the top of the part. Dimensions include a total width of 16,3 mm, a central hole diameter of $\varnothing 4,2$ mm, and a distance of 15,4 mm from the bottom edge to the center of the hole. A small feature is labeled 2).

View 3 (Bottom View): Shows the bottom of the part. Dimensions include a total width of 16,3 mm, a central hole diameter of $\varnothing 4,2$ mm, and a distance of 15,4 mm from the bottom edge to the center of the hole. A small feature is labeled 3).

View 4 (Left Side View): Shows the left side of the part. Dimensions include a total height of 32,2 mm, a central hole diameter of $\varnothing 4,2$ mm, and a distance of 12,8 mm from the bottom edge to the center of the hole. A small feature is labeled 4).

View 5 (Right Side View): Shows the right side of the part. Dimensions include a total height of 32,2 mm, a central hole diameter of $\varnothing 4,2$ mm, and a distance of 12,8 mm from the bottom edge to the center of the hole. A small feature is labeled 5).

View 6 (Isometric View): Shows the part from an isometric perspective. Dimensions include a total width of 41,1 mm, a total height of 48 mm, and a distance of 14 mm from the bottom edge to the center of the hole. A small feature is labeled 6).

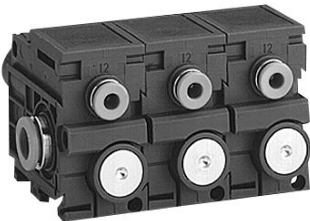
Dimensions:

- Overall width: 23 mm (View 1), 16,3 mm (Views 2, 3)
- Overall height: 32,2 mm (Views 1, 4, 5), 48 mm (View 6)
- Central hole diameter: $\varnothing 4,2$ mm (Views 1, 2, 3, 4, 5)
- Distance from bottom edge to center of hole: 12,8 mm (Views 1, 4, 5), 15,4 mm (Views 2, 3)
- Small feature 1) is located 1,5 mm from the left edge (View 1)
- Small feature 2) is located 9 mm from the left edge (View 2)
- Small feature 3) is located 9 mm from the right edge (View 3)
- Small feature 4) is located 1,5 mm from the left edge (View 4)
- Small feature 5) is located 1,5 mm from the right edge (View 5)
- Small feature 6) is located 3,5 mm from the right edge (View 6)

1) port 1 2) port 2 3) port 3 exhaust must not be throttled 4) port 12 5) pocket hole 6 mm deep for 3.5 self-tapping screw 6) mounting space for name plate

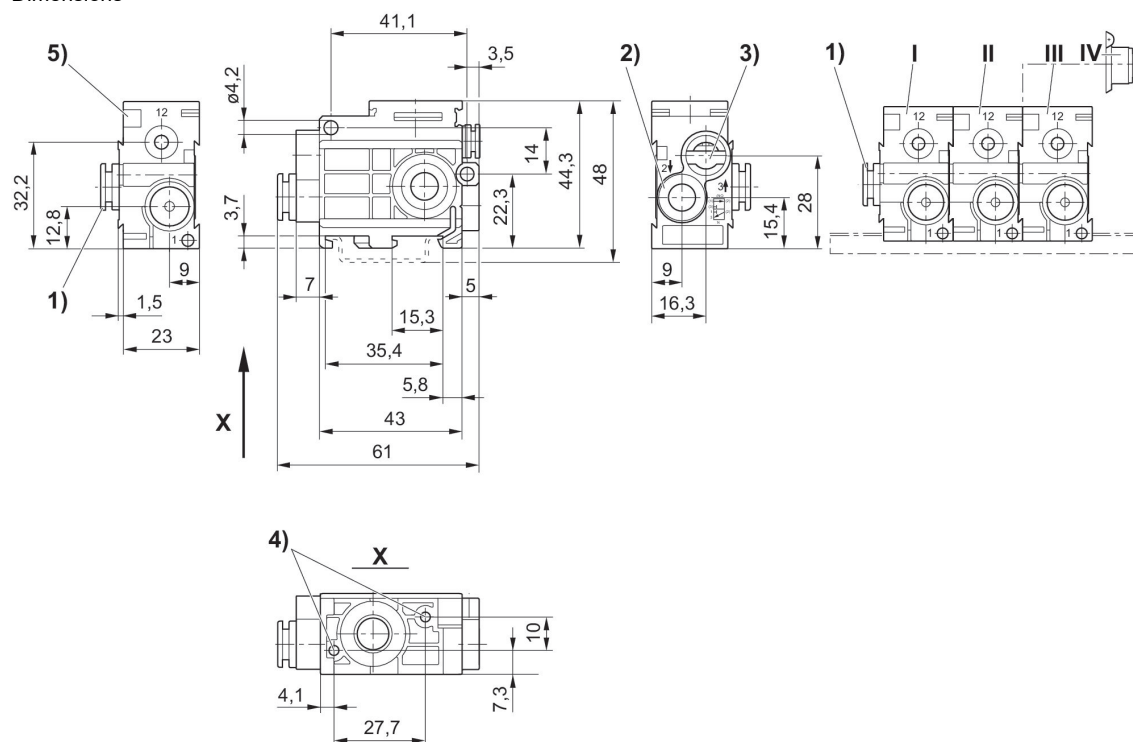
3/2-directional valve, Series 579, Valve unit

Activation: Pneumatically
Control pressure min./max.: 2 bar
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 60 °C
Medium temperature min./max.: -15 °C ... 60 °C
Working pressure min./max.: 0.5 bar ... 8 bar



	Version	Type	Switching principle	Flow [l/min]	Compressed air connection output	Min. control pressure [bar]	Part No.
	NC	Inlet valve	3/2 NC, with spring return	850	Ø 8x1	2	5790600000
	NC	Stacking valve	3/2 NC, with spring return	850	Ø 8x1	2	5791600000
	NC	End valve	3/2 NC, with spring return	850	Ø 8x1	2	5792600000
	NO	Inlet valve	3/2 NO, with spring return	600	Ø 8x1	2	5790600010
	NO	Stacking valve	3/2 NO, with spring return	600	Ø 8x1	2	5791600010
	NO	End valve	3/2 NO, with spring return	600	Ø 8x1	2	5792600010

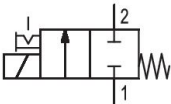
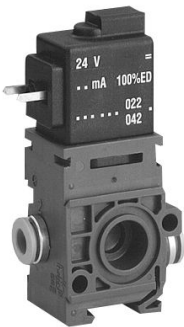
Dimensions



1) port 1 2) port 2 3) port 3 exhaust must not be throttled 4) pocket hole 6 mm deep for 3.5 self-tapping screw 5) mounting space for name plate * Air conn. module (item IV) mounted onto stacking valve (item II) permits additional air supply from right hand side. End valve (item III) not required. Inlet valve (pos. I)

2/2-directional valve, Series 589

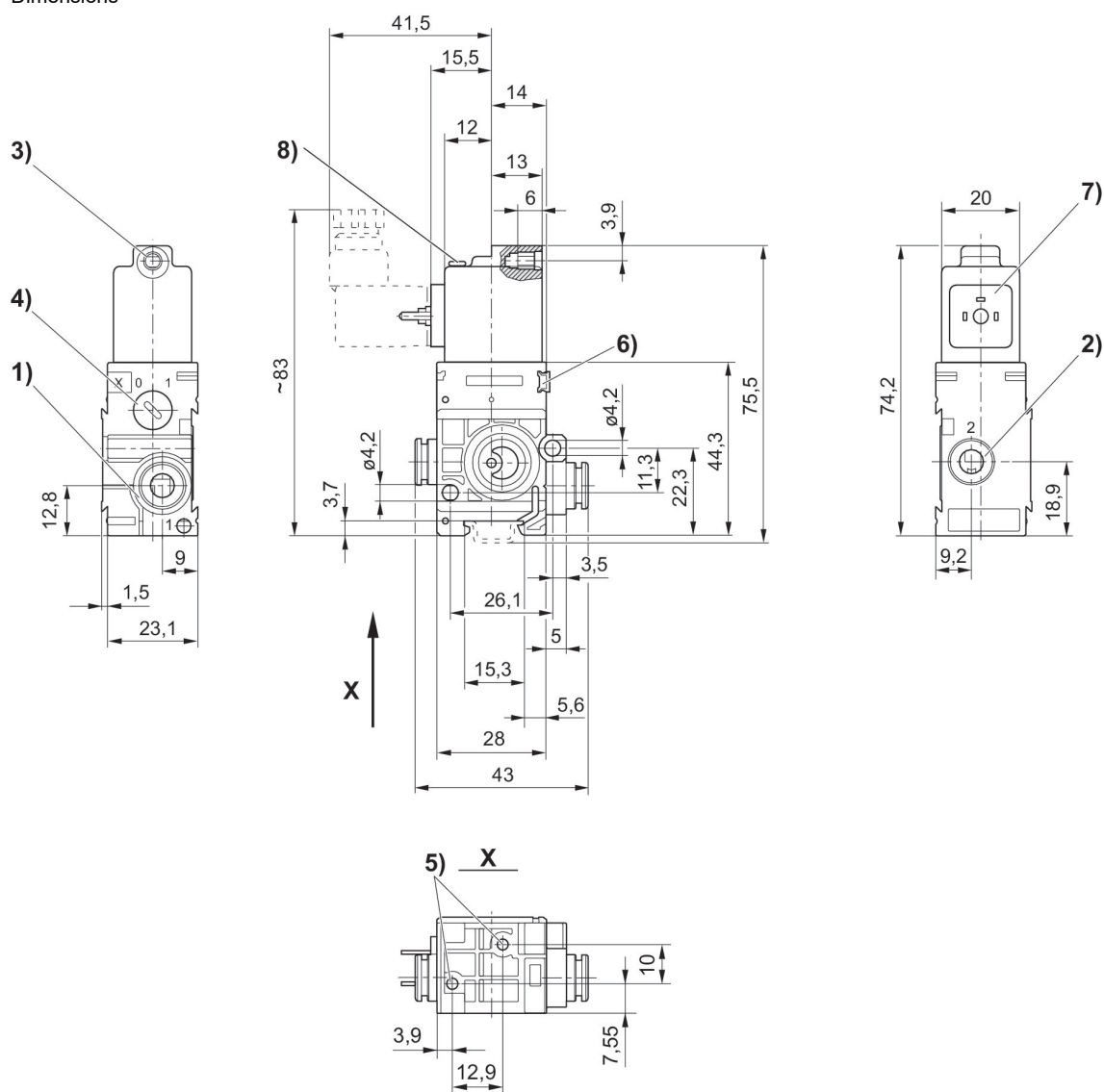
Flow: 50 l/min
Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 0 bar ... 7 bar



Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Operational voltage	Voltage tolerance DC	Part No.
NC	Single valve	2/2 NC, with spring return	50	Ø 6x1	Ø 6x1	24 V DC	-10 % / +10 %	5894000220

Manual override	Part No.
with detent	5894000220

Dimensions



- 1) Port 1 2) Port 2 3) Port 3, core Ø for M5 4) Manual override 5) Pocket hole 6 mm deep for 3.5 self-tapping screw 6) Mounting space for name plate 7) Coil can be rotated at 180° intervals 8) LED

3/2-directional valve, Series 589

Activation: Electrically

Duty cycle: 100 %

Type: Poppet valve

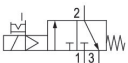
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 3 bar ... 8 bar

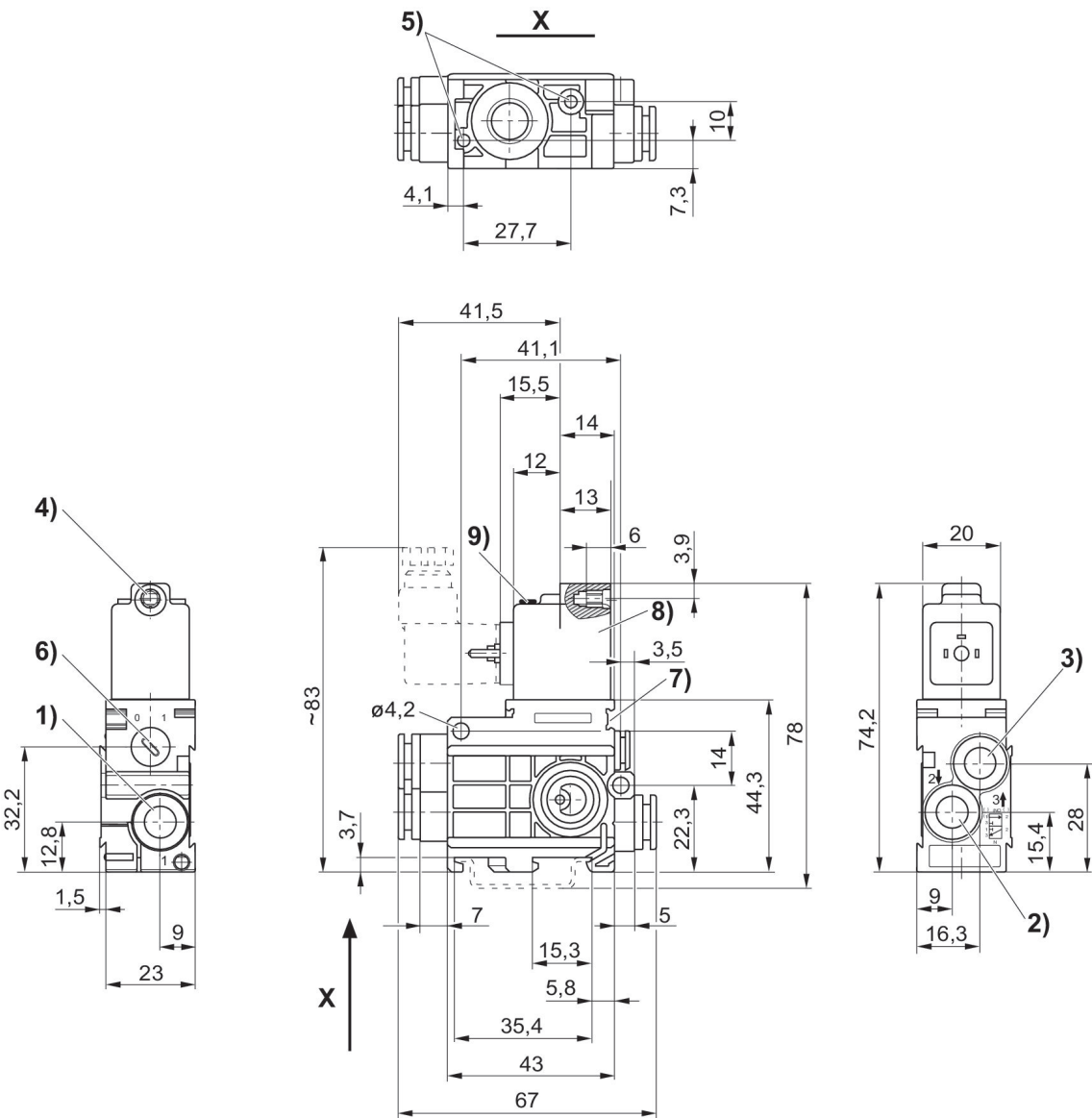


	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Compressed air connection, exhaust	Part No.
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894400210
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894400220
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894400620
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894405220
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894405270
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894405280
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894405680
	NC	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894600210
	NC	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894600220
	NC	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894600620
	NC	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894605220
	NC	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894605270
	NC	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894605280

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Compressed air connection, exhaust	Part No.
	NC	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894605680

Operational voltage	Voltage tolerance DC	Pilot	Manual override	LED	Part No.
12 V DC	-10 % / +10 %	Internal	with detent		5894400210
24 V DC	-10 % / +10 %	Internal	with detent		5894400220
24 V DC	-10 % / +10 %	Internal	with detent	Red	5894400620
24 V AC		Internal	with detent		5894405220
110 V AC		Internal	with detent		5894405270
230 V AC		Internal	with detent		5894405280
230 V AC		Internal	with detent	Red	5894405680
12 V DC	-10 % / +10 %	Internal	with detent		5894600210
24 V DC	-10 % / +10 %	Internal	with detent		5894600220
24 V DC	-10 % / +10 %	Internal	with detent	Red	5894600620
24 V AC		Internal	with detent		5894605220
110 V AC		Internal	with detent		5894605270
230 V AC		Internal	with detent		5894605280
230 V AC		Internal	with detent	Red	5894605680

Dimensions



1) port 1 2) port 2 3) port 3 4) core Ø for M 5 5) pocket hole 6 mm deep for 3.5 self-tapping screw 6) manual override 7) Pilot valve 8) coil can be rotated at 180° intervals

3/2-directional valve, Series 589

Activation: Electrically

Control pressure min./max.: 3 bar ... 10 bar

Duty cycle: 100 %

Type: Poppet valve

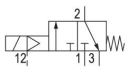
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

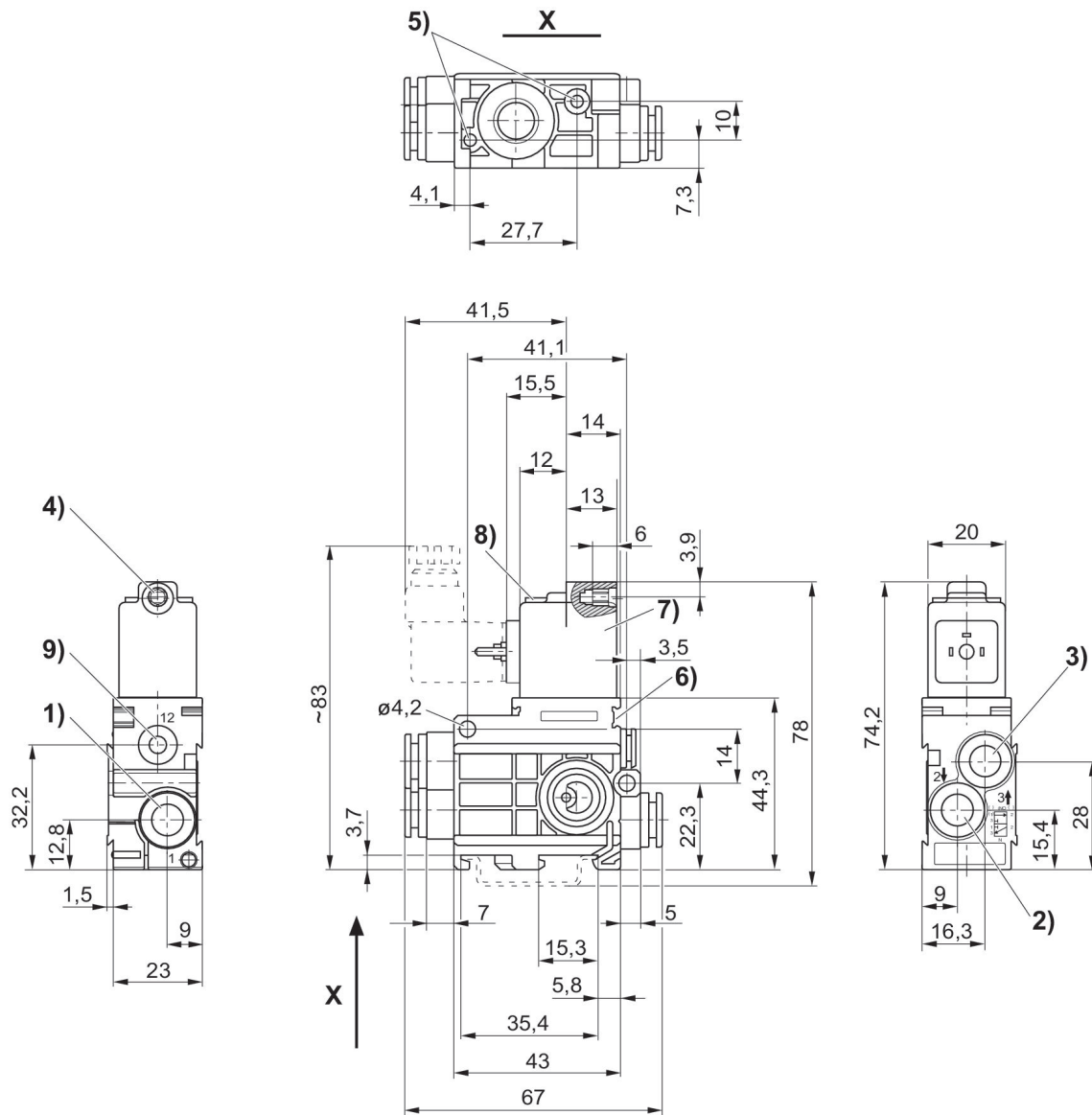
Working pressure min./max.: 0.5 bar ... 8 bar



	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Compressed air connection, exhaust	Part No.
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894470210
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894470220
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894470620
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894475220
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894475270
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894475280
	NC	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894475680
	NC	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894670210
	NC	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894670220
	NC	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894670620
	NC	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894675220
	NC	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894675270
	NC	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894675280

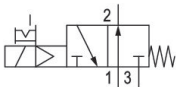
	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Compressed air connection, exhaust	Part No.
	NC	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894675680

Operational voltage	Voltage tolerance DC	Min. control pressure [bar]	Max. control pressure [bar]	Pilot	LED	Part No.
12 V DC	-10 % / +10 %	3	10	External		5894470210
24 V DC	-10 % / +10 %	3	10	External		5894470220
24 V DC	-10 % / +10 %	3	10	External	Red	5894470620
24 V AC		3	10	External		5894475220
110 V AC		3	10	External		5894475270
230 V AC		3	10	External		5894475280
230 V AC		3	10	External	Red	5894475680
12 V DC	-10 % / +10 %	3	10	External		5894670210
24 V DC	-10 % / +10 %	3	10	External		5894670220
24 V DC	-10 % / +10 %	3	10	External	Red	5894670620
24 V AC		3	10	External		5894675220
110 V AC		3	10	External		5894675270
230 V AC		3	10	External		5894675280
230 V AC		3	10	External	Red	5894675680



3/2-directional valve, Series 589

Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 3 bar ... 8 bar

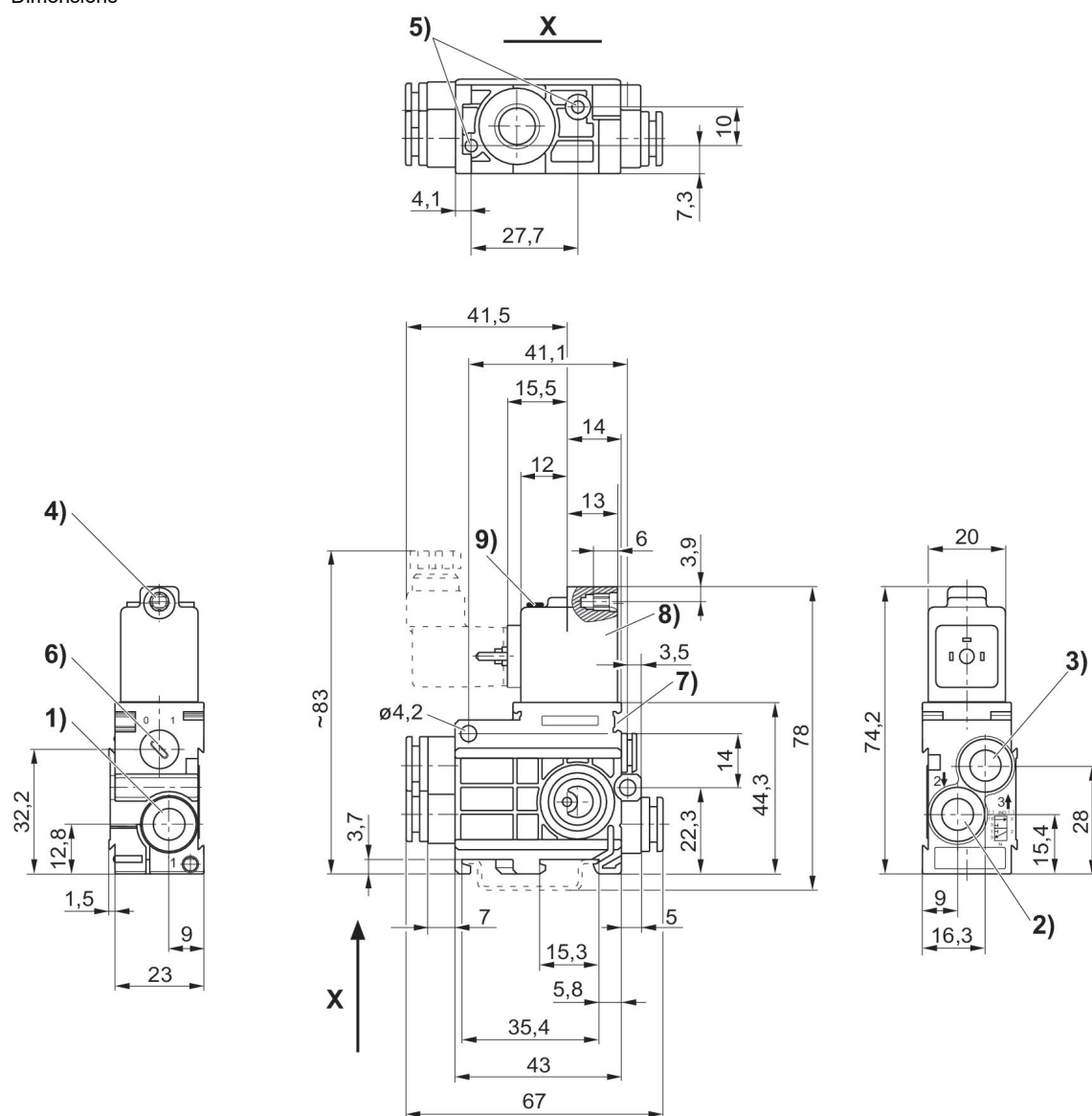


Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Compressed air connection, exhaust	Operational voltage	Part No.
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	12 V DC	5894410210
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	24 V DC	5894410220
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	24 V DC	5894410620
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	24 V AC	5894415220
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	110 V AC	5894415270
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	230 V AC	5894415280
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	230 V AC	5894415680
NO	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	12 V DC	5894610210
NO	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	24 V DC	5894610220
NO	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	24 V DC	5894610620
NO	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	24 V AC	5894615220
NO	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	110 V AC	5894615270
NO	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	230 V AC	5894615280
NO	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	230 V AC	5894615680

Voltage tolerance DC	Pilot	Manual override	LED	Part No.
-10 % / +10 %	Internal	with detent		5894410210

Voltage tol- erance DC	Pilot	Manual override	LED	Part No.
-10 % / +10 %	Internal	with detent		5894410220
-10 % / +10 %	Internal	with detent	Red	5894410620
	Internal	with detent		5894415220
	Internal	with detent		5894415270
	Internal	with detent		5894415280
	Internal	with detent	Red	5894415680
-10 % / +10 %	Internal	with detent		5894610210
-10 % / +10 %	Internal	with detent		5894610220
-10 % / +10 %	Internal	with detent	Red	5894610620
	Internal	with detent		5894615220
	Internal	with detent		5894615270
	Internal	with detent		5894615280
	Internal	with detent	Red	5894615680

Dimensions



1) port 1 2) port 2 3) port 3 4) core Ø for M 5 5) pocket hole 6 mm deep for 3.5 self-tapping screw 6) manual override 7) Pilot valve 8) coil can be rotated at 180° intervals

3/2-directional valve, Series 589

Activation: Electrically

Control pressure min./max.: 3 bar ... 10 bar

Duty cycle: 100 %

Type: Poppet valve

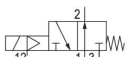
Ambient temperature min./max.: -15 °C ... 50 °C

Medium temperature min./max.: -15 °C ... 50 °C

Working pressure min./max.: 0.5 bar ... 8 bar

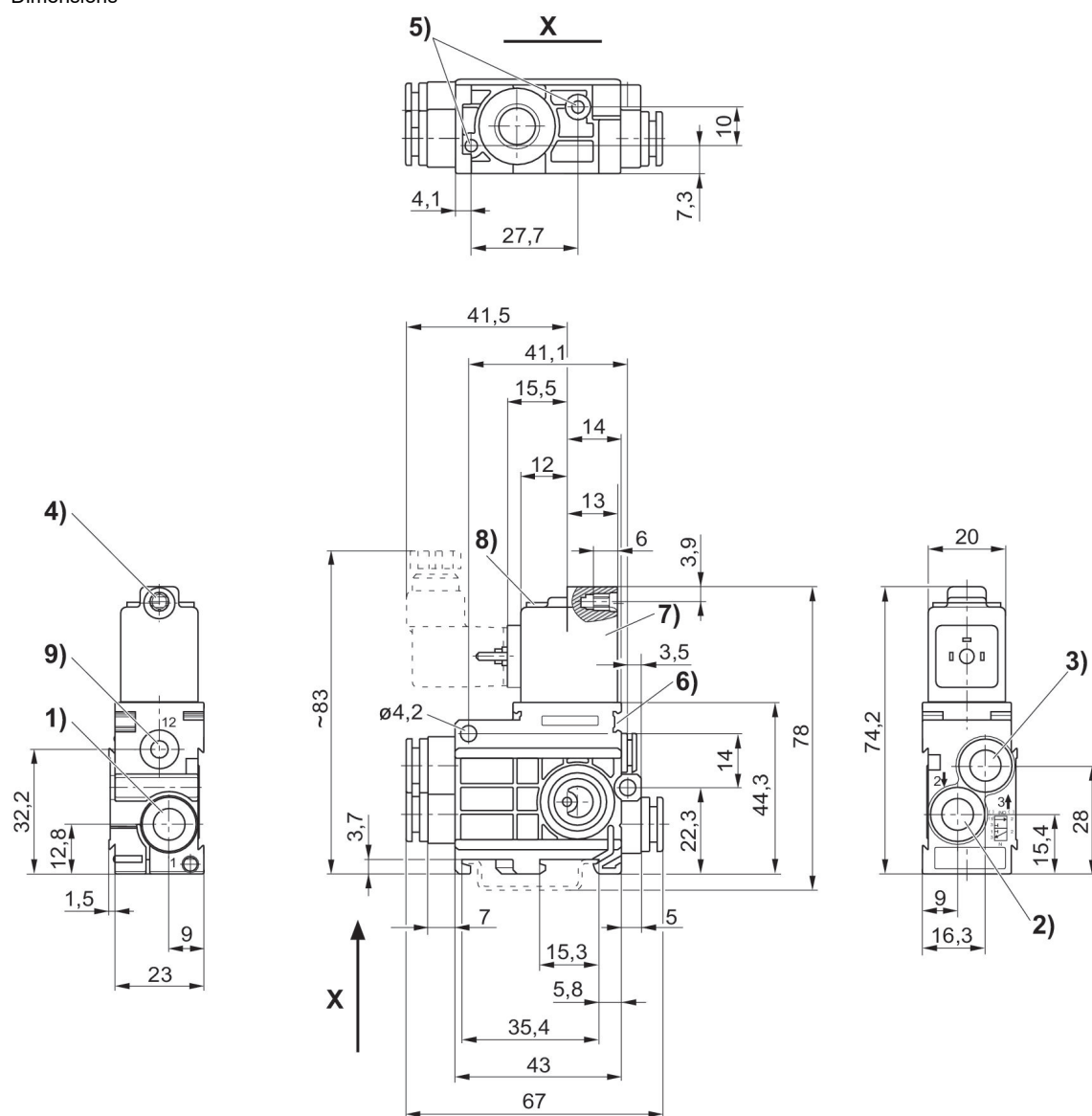


	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Compressed air connection, exhaust	Part No.
	NO	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894620210
	NO	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894620220
	NO	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894620620
	NO	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894625220
	NO	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894625270
	NO	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894625280
	NO	Single valve	3/2, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894625680
	NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894420210
	NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894420220
	NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894420620
	NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894425220
	NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894425270
	NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894425280

	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Compressed air connection, exhaust	Part No.
	NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894425680

Operational voltage	Voltage tolerance DC	Min. control pressure [bar]	Max. control pressure [bar]	Pilot	LED	Part No.
12 V DC	-10 % / +10 %	3	10	External		5894620210
24 V DC	-10 % / +10 %	3	10	External		5894620220
24 V DC	-10 % / +10 %	3	10	External	Red	5894620620
24 V AC		3	10	External		5894625220
110 V AC		3	10	External		5894625270
230 V AC		3	10	External		5894625280
230 V AC		3	10	External	Red	5894625680
12 V DC	-10 % / +10 %	3	10	External		5894420210
24 V DC	-10 % / +10 %	3	10	External		5894420220
24 V DC	-10 % / +10 %	3	10	External	Red	5894420620
24 V AC		3	10	External		5894425220
110 V AC		3	10	External		5894425270
230 V AC		3	10	External		5894425280
230 V AC		3	10	External	Red	5894425680

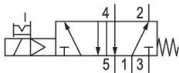
Dimensions



- 1) port 1 2) port 2 3) port 3 4) Ø for M 5 5) pocket hole 6 mm deep for 3.5 self-tapping screw 6) mounting space for name plate 7) coil can be rotated at 180° intervals 8) LED 9) port 12

5/2-directional valve, Series 589

Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 3 bar ... 8 bar

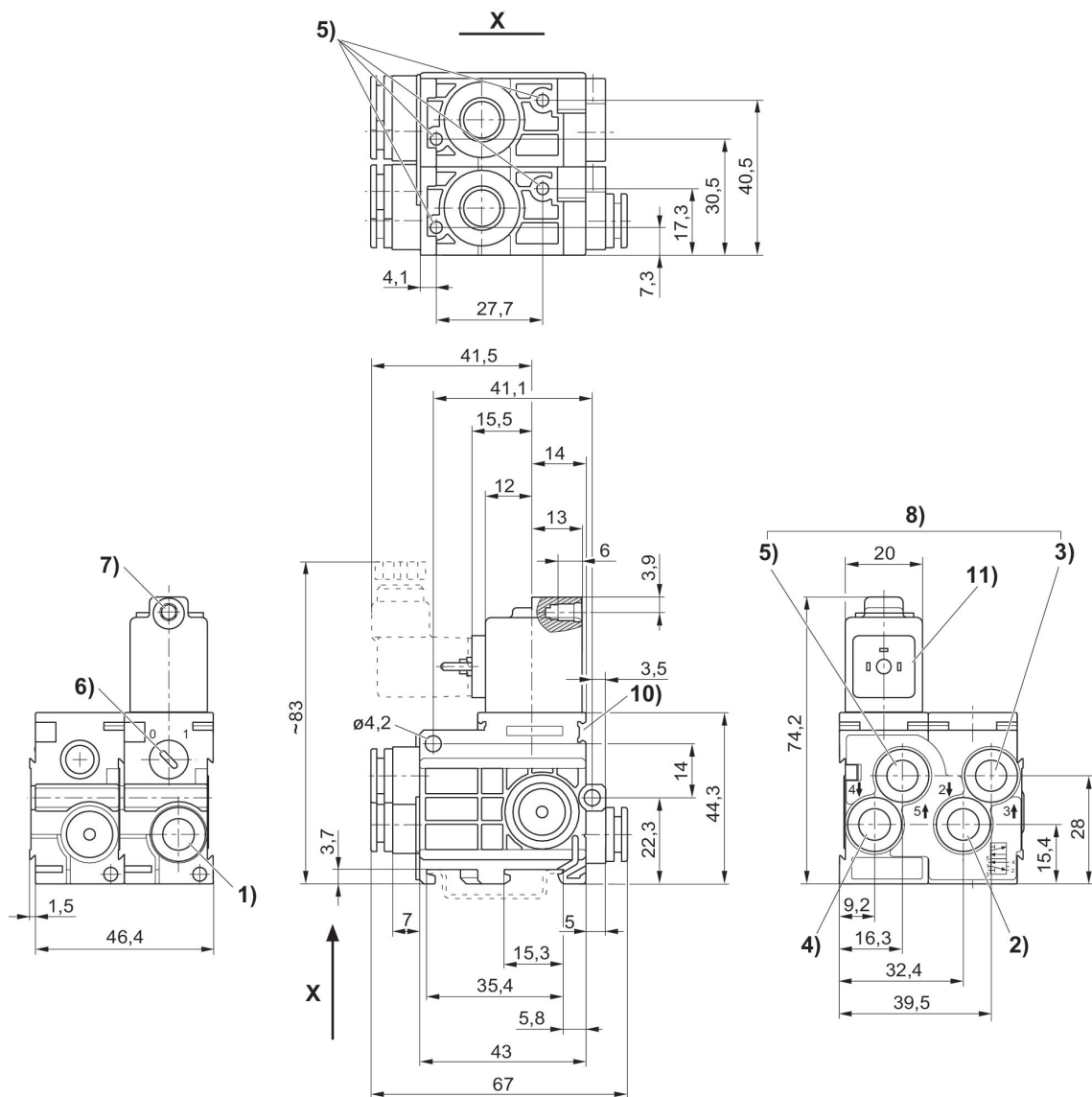


Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Compressed air connection, exhaust	Operational voltage	Part No.
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	12 V DC	5894700210
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	24 V DC	5894700220
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	24 V DC	5894700620
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	24 V AC	5894705220
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	110 V AC	5894705270
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	230 V AC	5894705280
NO	Single valve	3/2, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	230 V AC	5894705680
NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	Ø 8x1	12 V DC	5894900210
NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	Ø 8x1	24 V DC	5894900220
NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	Ø 8x1	24 V DC	5894900620
NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	Ø 8x1	24 V AC	5894905220
NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	Ø 8x1	110 V AC	5894905270
NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	Ø 8x1	230 V AC	5894905280
NO	Single valve	3/2, with spring return	600	Ø 8x1	Ø 8x1	Ø 8x1	230 V AC	5894905680

Voltage tolerance DC	Pilot	Manual override	LED	Part No.
-10 % / +10 %	Internal	with detent		5894700210

Voltage tol-erance DC	Pilot	Manual override	LED	Part No.
-10 % / +10 %	Internal	with detent		5894700220
-10 % / +10 %	Internal	with detent	Red	5894700620
	Internal	with detent		5894705220
	Internal	with detent		5894705270
	Internal	with detent		5894705280
	Internal	with detent	Red	5894705680
-10 % / +10 %	Internal	with detent		5894900210
-10 % / +10 %	Internal	with detent		5894900220
-10 % / +10 %	Internal	with detent	Red	5894900620
	Internal	with detent		5894905220
	Internal	with detent		5894905270
	Internal	with detent		5894905280
	Internal	with detent	Red	5894905680

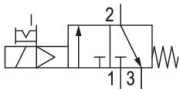
Dimensions



1) port 1 2) port 2 3) port 3 4) port 4 5) port 5 6) manual override 7) core Ø for M 5 8) exhaust air must not be throttled 9) pocket hole 6 mm deep for 3.5 self-tapping screw 10) mounting space for name plate 11) coil can be rotated at 180° intervals

3/2-directional valve, Series 589

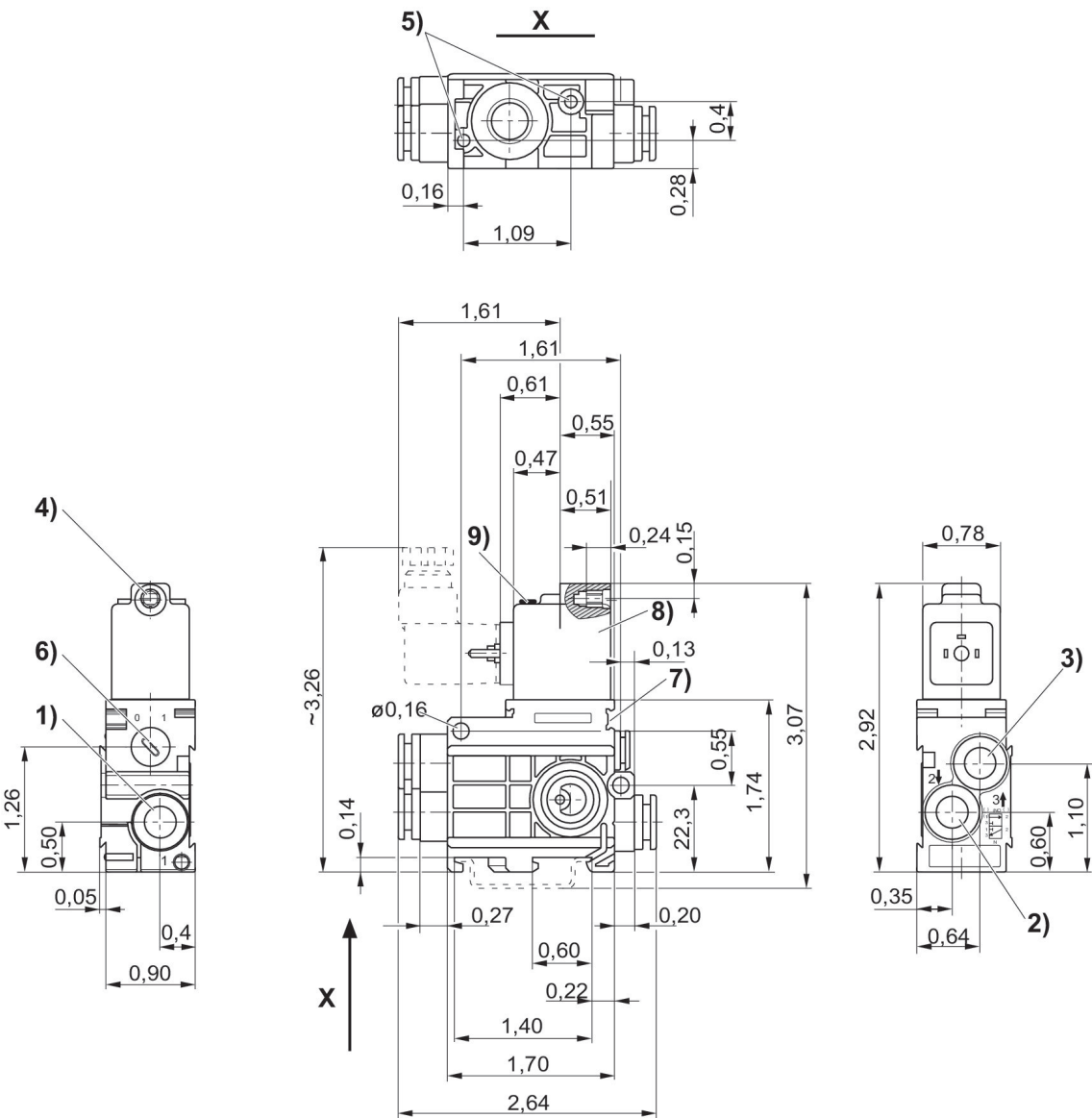
Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 3 bar ... 8 bar



Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Compressed air connection, exhaust	Operational voltage	Voltage tolerance DC	Part No.
NC	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	12 V DC	-10 % / +10 %	5894400310
NC	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	24 V DC	-10 % / +10 %	5894400320
NC	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	24 V DC	-10 % / +10 %	5894400720
NC	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	24 V AC		5894405320
NC	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	110 V AC		5894405370
NC	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	230 V AC		5894405380
NC	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	230 V AC		5894405780

Pilot	Manual override	Part No.
Internal	with detent	5894400310
Internal	with detent	5894400320
Internal	with detent	5894400720
Internal	with detent	5894405320
Internal	with detent	5894405370
Internal	with detent	5894405380
Internal	with detent	5894405780

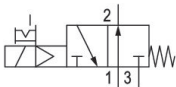
Dimensions in inches



1) port 1 2) port 2 3) port 3 4) core Ø for M 5 5) pocket hole 6 mm deep for 3.5 self-tapping screw 6) manual override 7) Pilot valve 8) coil can be rotated at 180° intervals

3/2-directional valve, Series 589

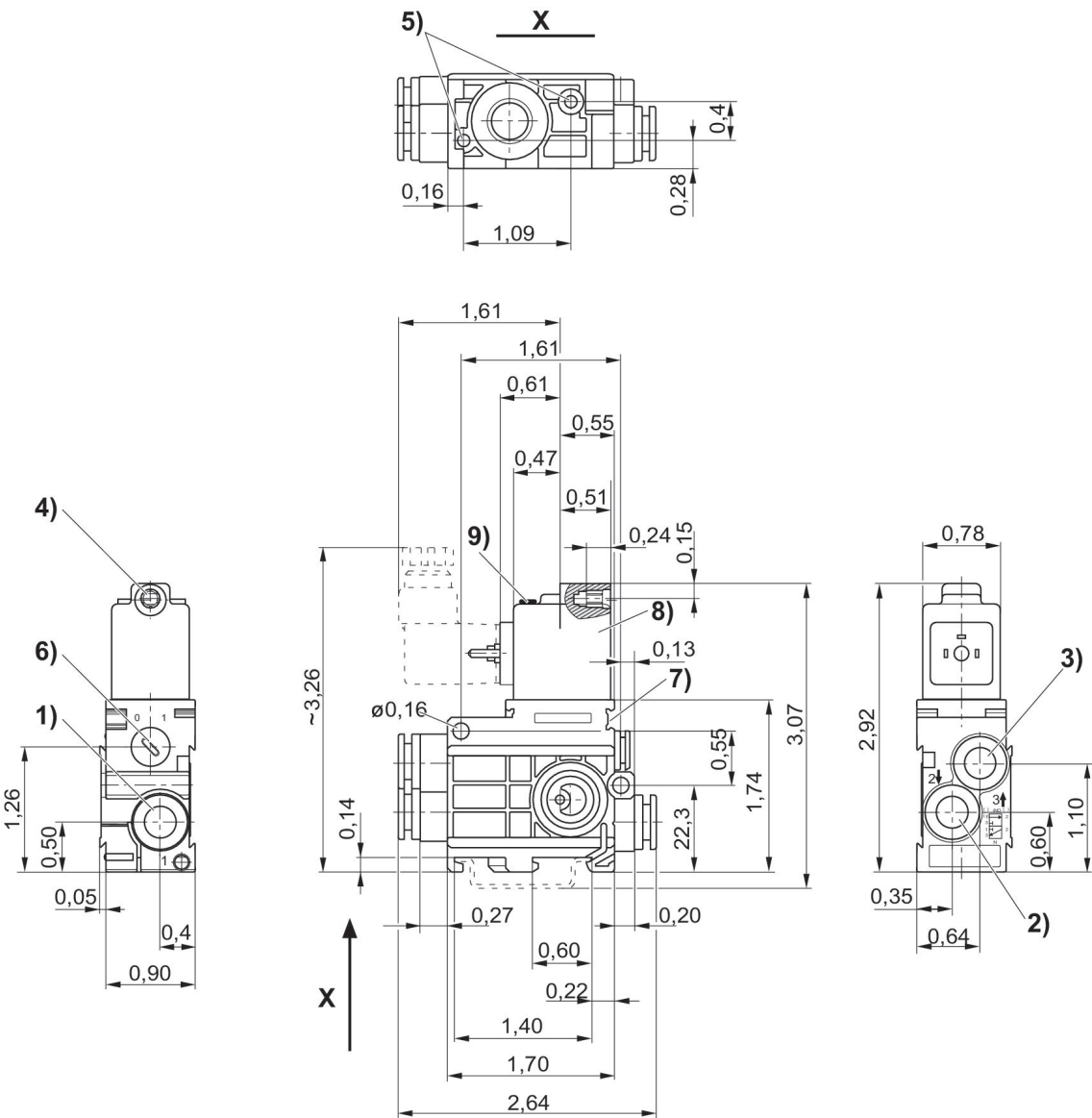
Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 3 bar ... 8 bar



Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Compressed air connection, exhaust	Operational voltage	Voltage tolerance DC	Part No.
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	12 V DC	-10 % / +10 %	5894410310
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	24 V DC	-10 % / +10 %	5894410320
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	24 V DC	-10 % / +10 %	5894410720
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	24 V AC		5894415320
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	110 V AC		5894415370
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	220 V AC		5894415380
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	220 V AC		5894415780

Pilot	Manual override	LED	Part No.
Internal	with detent		5894410310
Internal	with detent		5894410320
Internal	with detent	Red	5894410720
Internal	with detent		5894415320
Internal	with detent		5894415370
Internal	with detent		5894415380
Internal	with detent	Red	5894415780

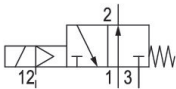
Dimensions in inches



1) port 1 2) port 2 3) port 3 4) core Ø for M 5 5) pocket hole 6 mm deep for 3.5 self-tapping screw 6) manual override 7) Pilot valve 8) coil can be rotated at 180° intervals

3/2-directional valve, Series 589

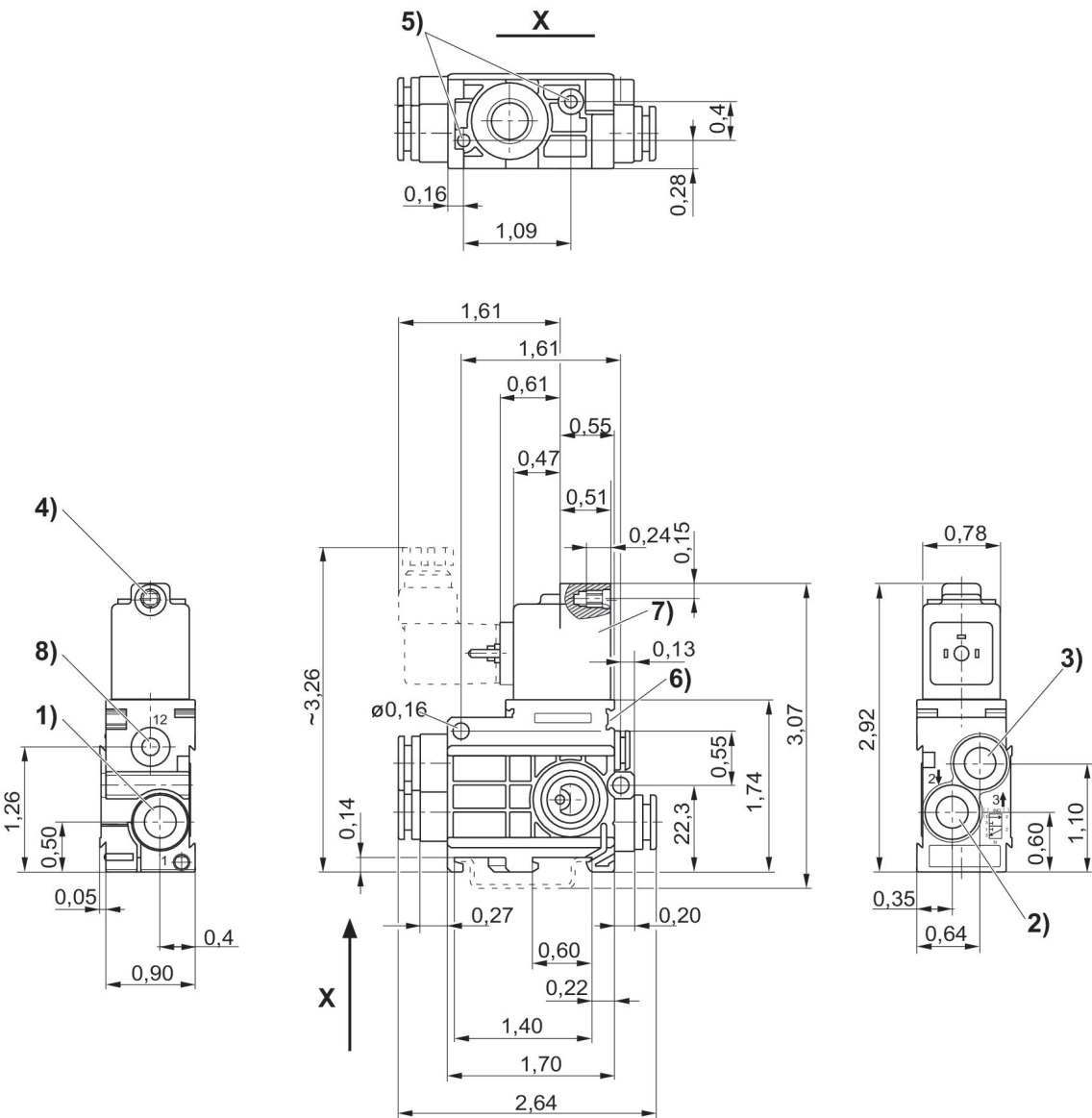
Activation: Electrically
Control pressure min./max.: 3 bar ... 10 bar
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 0.5 bar ... 8 bar



Version	Type	Switching principle	Compressed air connection input	Compressed air connection output	Compressed air connection, exhaust	Operational voltage	Voltage tolerance DC	Part No.
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	12 V DC	-10 % / +10 %	5894420310
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	24 V DC	-10 % / +10 %	5894420320
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	24 V DC	-10 % / +10 %	5894420720
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	24 V AC		5894425320
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	110 V AC		5894425370
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	220 V AC		5894425380
NO	Single valve	3/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	220 V AC		5894425780

Min. control pressure [bar]	Max. control pressure [bar]	Pilot	LED	Part No.
3	10	External		5894420310
3	10	External		5894420320
3	10	External	Red	5894420720
3	10	External		5894425320
3	10	External		5894425370
3	10	External		5894425380
3	10	External	Red	5894425780

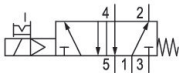
Dimensions in inches



1) port 1 2) port 2 3) port 3 4) Ø for M 5 5) pocket hole 6 mm deep for 3.5 self-tapping screw 6) mounting space for name plate 7) coil can be rotated at 180° intervals 8) port 12

5/2-directional valve, Series 589

Activation: Electrically
Duty cycle: 100 %
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 50 °C
Medium temperature min./max.: -15 °C ... 50 °C
Working pressure min./max.: 3 bar ... 8 bar



Type	Switching principle	Compressed air connection input	Compressed air connection output	Compressed air connection, exhaust	Operational voltage	Voltage tolerance DC	Pilot	Part No.
Single valve	5/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	12 V DC	-10 % / +10 %	Internal	5894700310
Single valve	5/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	24 V DC	-10 % / +10 %	Internal	5894700320
Single valve	5/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	24 V DC	-10 % / +10 %	Internal	5894700720
Single valve	5/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	24 V AC		Internal	5894705320
Single valve	5/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	110 V AC		Internal	5894705370
Single valve	5/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	230 V AC		Internal	5894705380
Single valve	5/2, with spring return	Ø 1/4"	Ø 1/4"	5/16"	230 V AC		Internal	5894705780

Manual override	LED	Part No.
with detent		5894700310
with detent		5894700320
with detent	Red	5894700720
with detent		5894705320
with detent		5894705370
with detent		5894705380
with detent	Red	5894705780

Technical drawing of a 4/3-way solenoid valve, showing three views: front, side, and top. The drawing includes dimensions in millimeters and callouts for specific features.

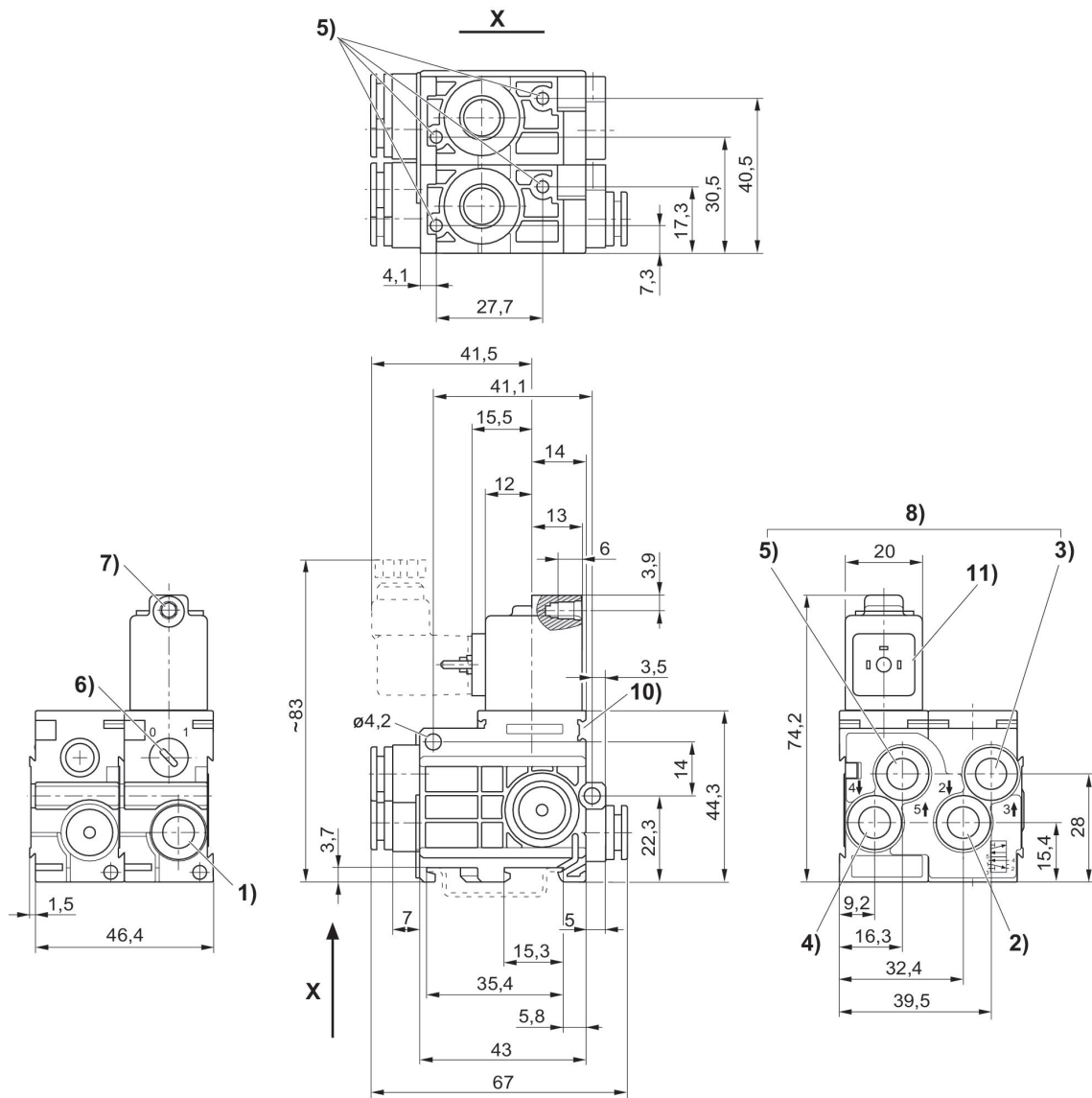
Front View (Top): Shows the main body with dimensions 1.09 (width), 1.60 (height), 0.16 (flange width), 0.29 (flange thickness), 0.68 (flange height), and 1.2 (total height). Callout 5) points to the top flange.

Side View (Middle): Shows the side profile with dimensions 1.61 (width), 0.61 (height), 0.55 (height), 0.47 (height), 0.51 (height), 0.24 (height), 0.15 (height), 0.13 (height), 0.16 (diameter), 0.14 (height), 0.27 (width), 0.20 (width), 0.60 (width), 0.23 (width), 1.40 (width), 1.70 (width), 2.64 (width), 0.87 (height), 1.74 (height), and 0.55 (height). Callout 10) points to the side flange.

Top View (Bottom): Shows the top of the valve with dimensions 1.83 (width), 0.06 (width), 1.55 (width), 1.27 (width), 0.64 (width), 0.36 (width), 0.60 (width), 1.10 (width), 0.27 (width), 0.20 (width), 0.60 (width), 0.23 (width), 1.40 (width), 1.70 (width), 2.64 (width), 0.87 (height), 1.74 (height), and 0.55 (height). Callouts 1) through 11) point to various features: 1) points to the main body, 2) points to the side flange, 3) points to the top flange, 4) points to the side flange, 5) points to the top flange, 6) points to the main body, 7) points to the top flange, 8) points to the top flange, 9) points to the side flange, 10) points to the side flange, and 11) points to the top flange.

AVENTICS

Dimensions



1) port 1 2) port 2 3) port 3 4) port 4 5) port 5 6) manual override 7) core Ø for M 5 8) exhaust air must not be throttled 9) pocket hole 6 mm deep for 3.5 self-tapping screw 10) mounting space for name plate 11) coil can be rotated at 180° intervals

3/2-directional valve, Series 589

Activation: Pneumatically
Control pressure min./max.: 3 bar
Type: Poppet valve
Ambient temperature min./max.: -15 °C ... 60 °C
Medium temperature min./max.: -15 °C ... 60 °C
Working pressure min./max.: 0.5 bar ... 8 bar



	Version	Type	Switching principle	Flow [l/min]	Compressed air connection input	Compressed air connection output	Compressed air connection, exhaust	Part No.
	NC	Single valve	3/2 NC, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894400000
	NC	Single valve	3/2 NC, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894600000
	NO	Single valve	3/2 NO, with spring return	520	Ø 6x1	Ø 6x1	Ø 8x1	5894400010
	NO	Single valve	3/2 NO, with spring return	750	Ø 8x1	Ø 8x1	Ø 8x1	5894600010

Min. control pressure [bar]	Part No.
3	5894400000
3	5894600000
3	5894400010
3	5894600010

Technical drawing of the 1000 series solenoid valve, showing dimensions in mm. The drawing includes a front view, a side view, and a detail view of the valve body.

Front View Dimensions:

- Overall width: 41.1
- Overall height: 48
- Top flange width: 3.5
- Coil height: 14
- Coil to body distance: 22.3
- Body to base distance: 44.3
- Base width: 7
- Base to coil distance: 35.4
- Coil to base distance: 5.8
- Overall base width: 67
- Coil diameter: $\varnothing 4.2$
- Coil to body distance: 3.7
- Coil to base distance: 15.3
- Coil to base distance: 43

Side View Dimensions:

- Overall width: 28
- Coil height: 15.4
- Coil to body distance: 9
- Coil to base distance: 16.3

Detail View Dimensions:

- Overall width: 4.1
- Overall height: 10
- Coil to body distance: 27.7

Other Dimensions:

- Coil to body distance: 32.2
- Coil to body distance: 12.8
- Coil to body distance: 9
- Coil to body distance: 1.5
- Coil to body distance: 23

1) port 1 2) port 2 3) port 3 4) port 12 5) pocket hole 6 mm deep for 3.5 self-tapping screw 6) mounting space for name plate

Throttle valve, Series CH02

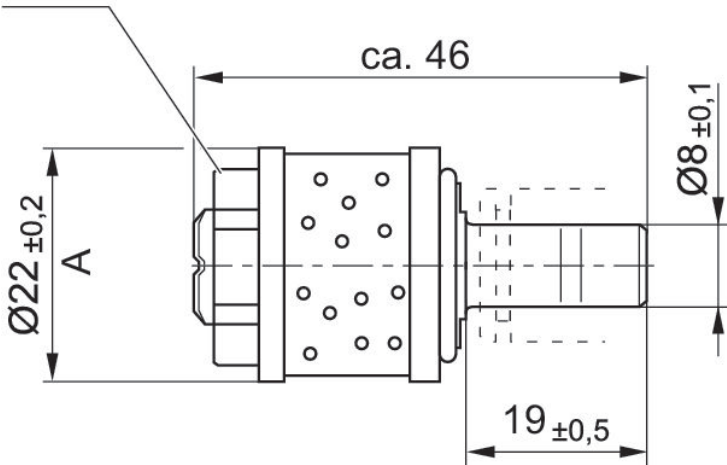
Silencer material: Polyethylene
Ambient temperature min./max.: -25 °C ... 60 °C
Working pressure min./max.: 0 bar ... 10 bar



Input	Flow [l/min]	Part No.
Ø 8	1300	3341052010

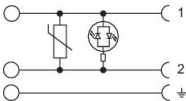
Dimensions

SW17



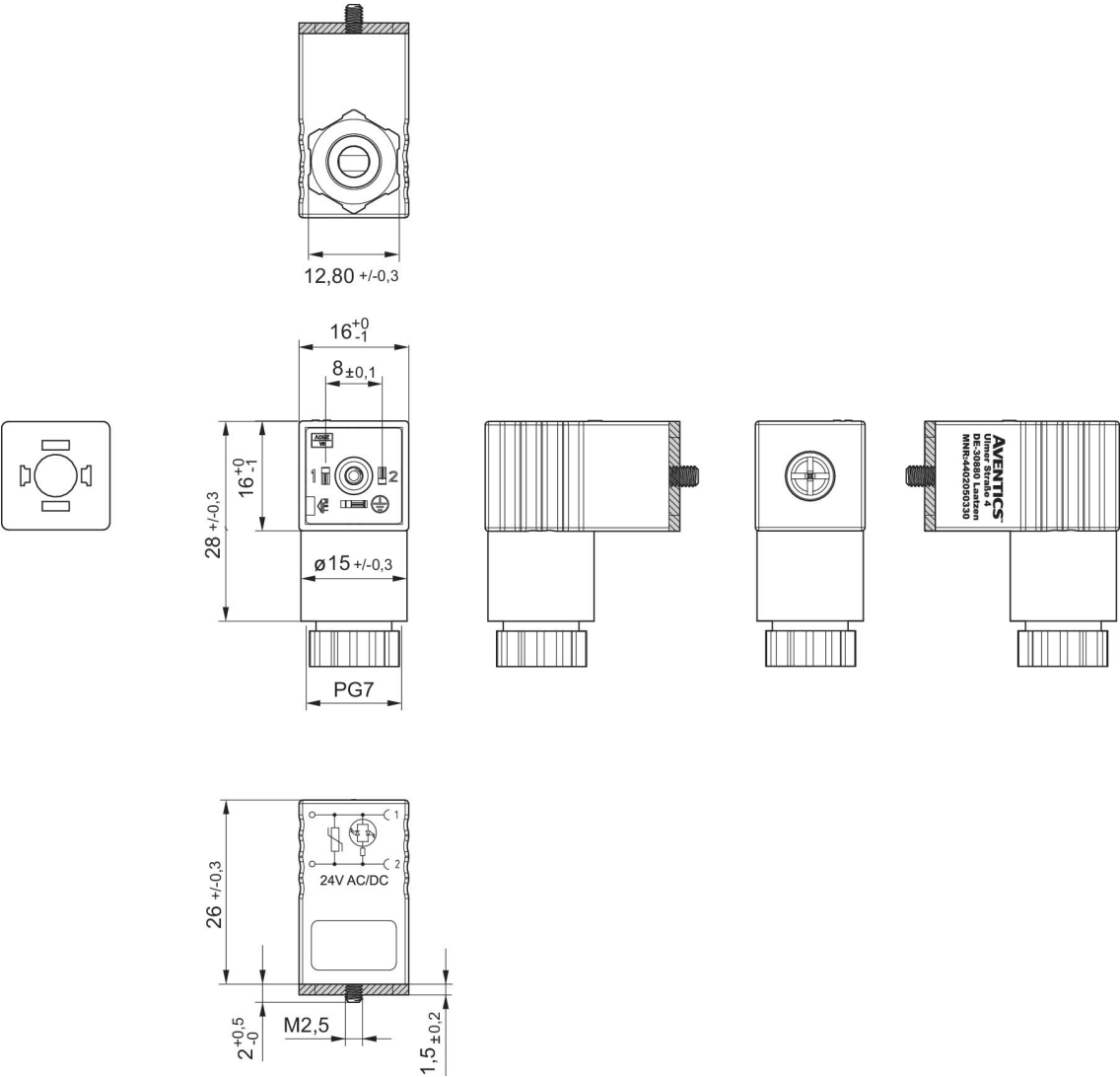
Valve plug connector, series CON-VP, form C, 24 V AC/DC

Electrical connection 1: EN 175301-803, form C
Ambient temperature min./max.: -40 °C ... 90 °C



Operational voltage	Protective circuit	Max. current [A]	Contact assignment	LED status display	min. suitable cable Ø [mm]	max. suitable cable Ø [mm]	Part No.
24 V AC/DC	Varistor	1.5	2+E	Green	4	6	4402050330

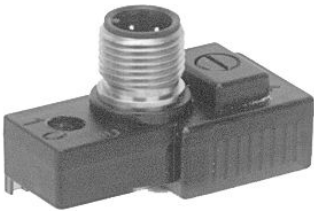
Dimensions



Profile seal

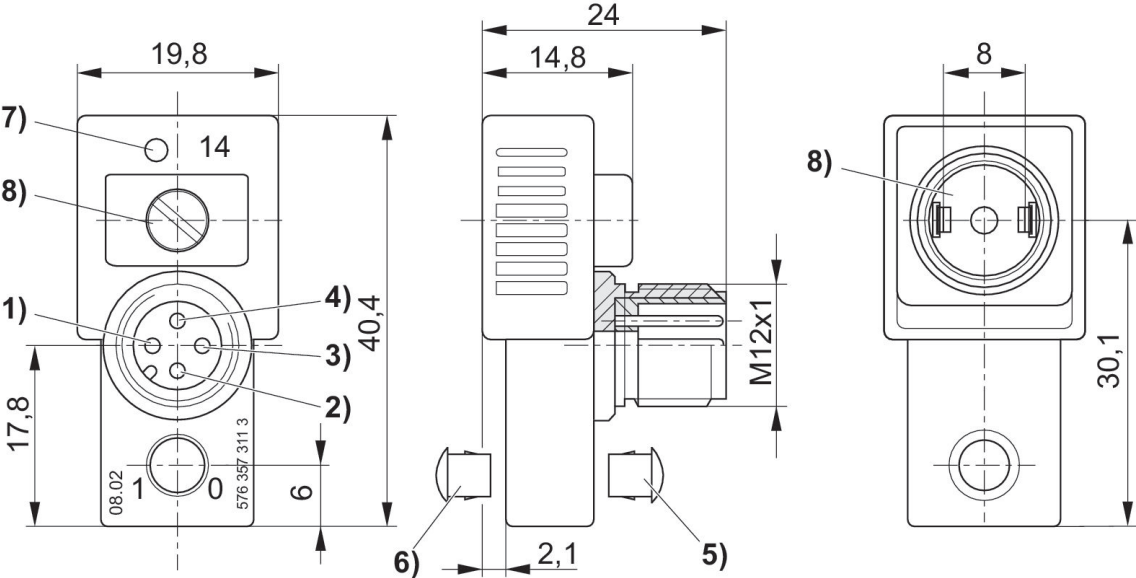
Contact bridges, series CON-CB

Ambient temperature min./max.: -15 °C ... 50 °C



Operational voltage	Max. current [A]	Contact assignment	LED status display	Part No.
24 V AC	4	4-pin	Yellow	5763573113

Dimensions



- 1) not assigned 2) not assigned 3) 0 V 4) magnet 14
- 5) Sealing cap for manual override not removable
- 6) Removable
- 7) LED valve
- 8) captive seal and screw

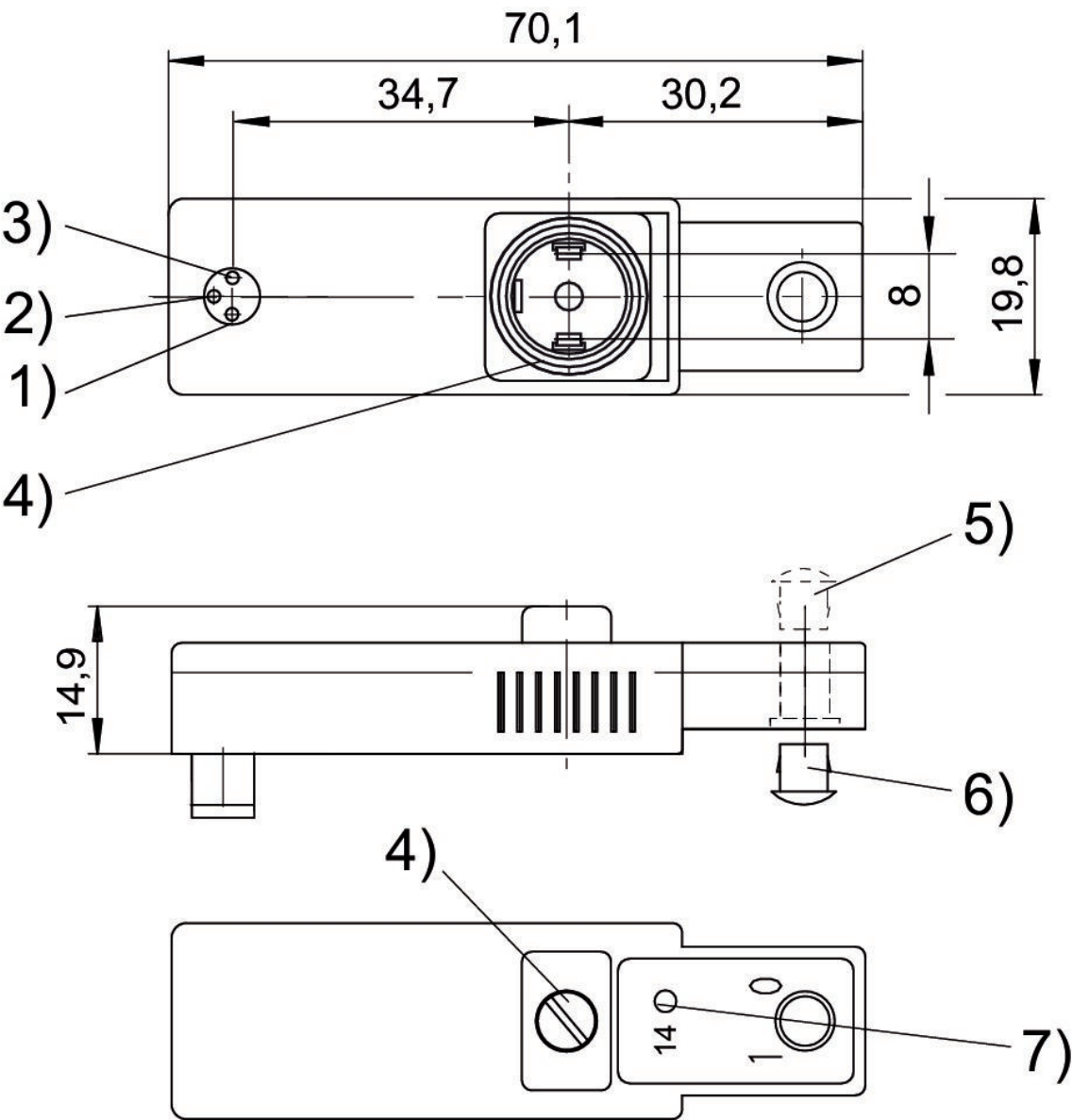
Contact bridges, series CON-CB

Ambient temperature min./max.: -25 °C ... 75 °C



Operational voltage	Max. current [A]	Contact assignment	LED status display	Part No.
24 V DC	0.5	3-pin	Yellow	5763503183

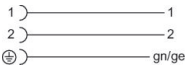
Dimensions



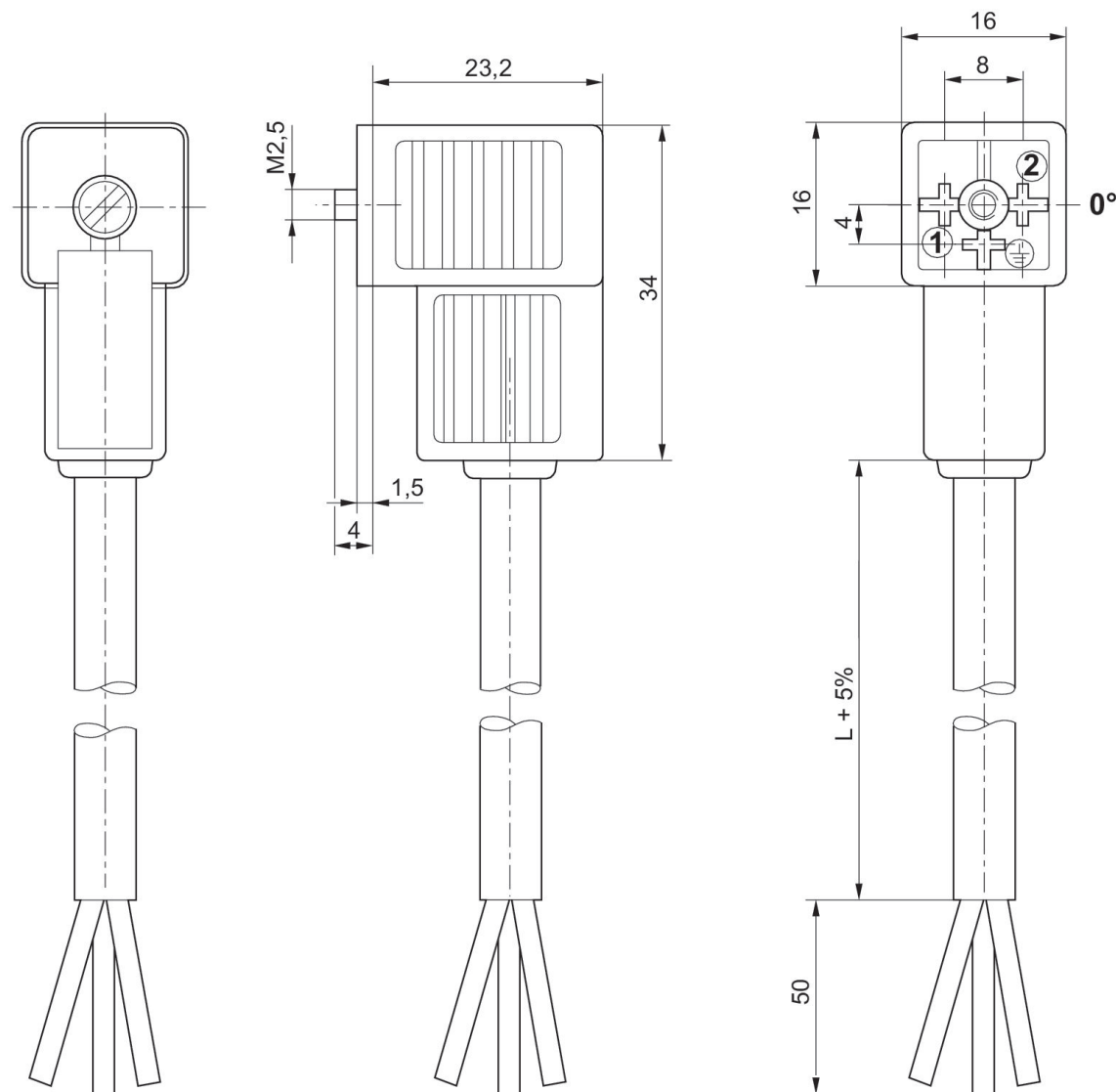
1) solenoid 14##2) not assigned##3) 0 V## 4) captive seal and screw##5) sealing cap for manual override not removable##6) removable##7) LED valve

Valve plug connector, series CON-VP, 0° female insert

Electrical connection 1: Socket ... form C ... 2+E
Electrical connection 2: open cable ends ... 3-pin
Ambient temperature min./max.: -20 °C ... 80 °C

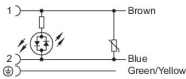


Operational voltage	Max. current [A]	Contact as-signment	Cable-Ø [mm]	Cable length [m]	Part No.
230 V AC/DC	6	2+E	5.9	3	1834484212
230 V AC/DC	6	2+E	5.9	5	1834484214



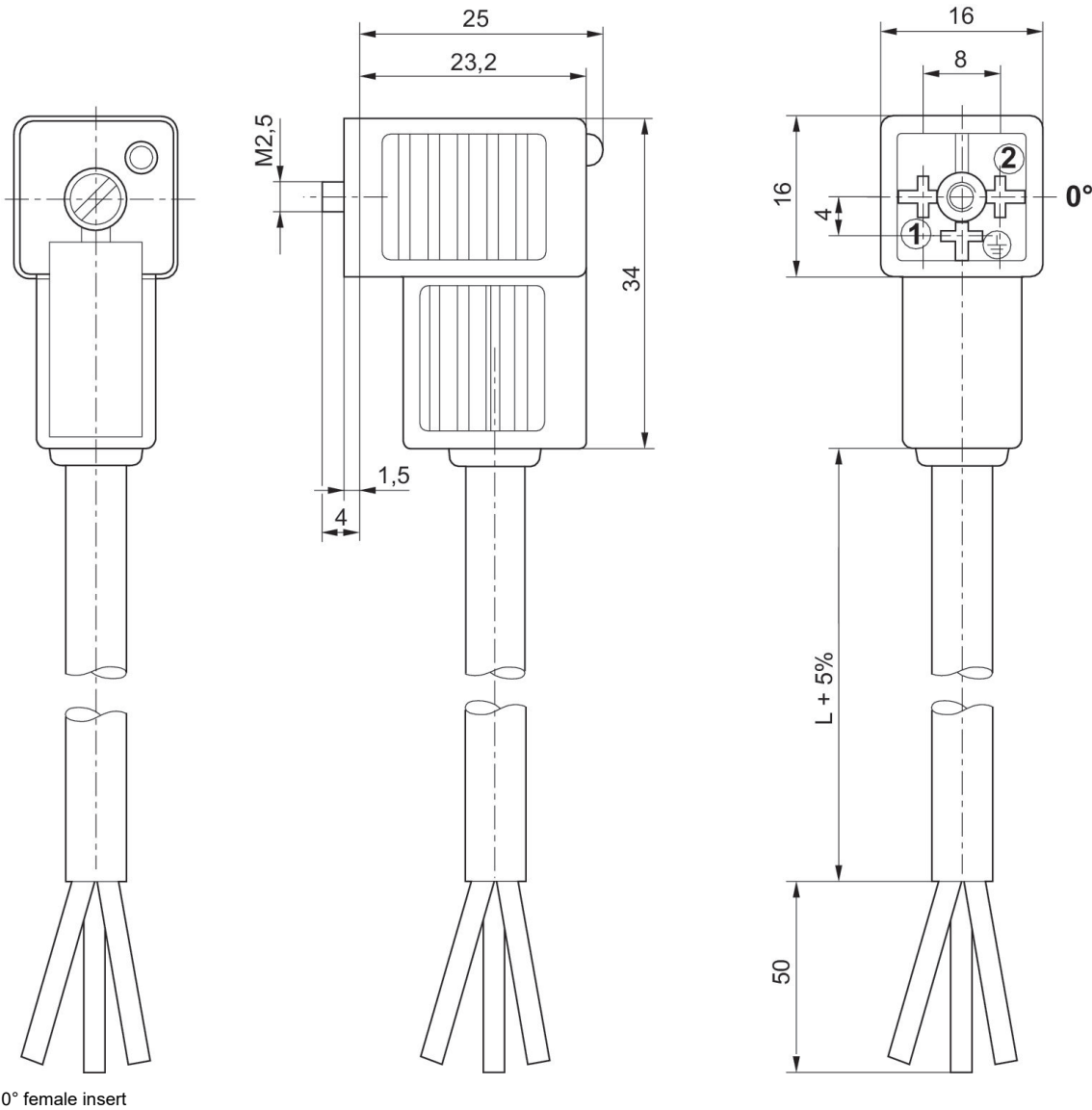
Valve plug connector, series CON-VP, 0° female insert

Electrical connection 1: Socket ... form C ... 2+E
Electrical connection 2: open cable ends ... 3-pin
Protective circuit: Varistor
Ambient temperature min./max.: -20 °C ... 80 °C



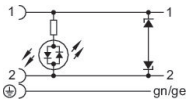
Operational voltage	Protective circuit	Max. current [A]	Contact assignment	LED status display	Cable-Ø [mm]	Cable length [m]	Part No.
230 V AC/DC	Varistor	6	2+E	Yellow	5.9	3	1834484208
230 V AC/DC	Varistor	6	2+E	Yellow	5.9	5	1834484210

Dimensions



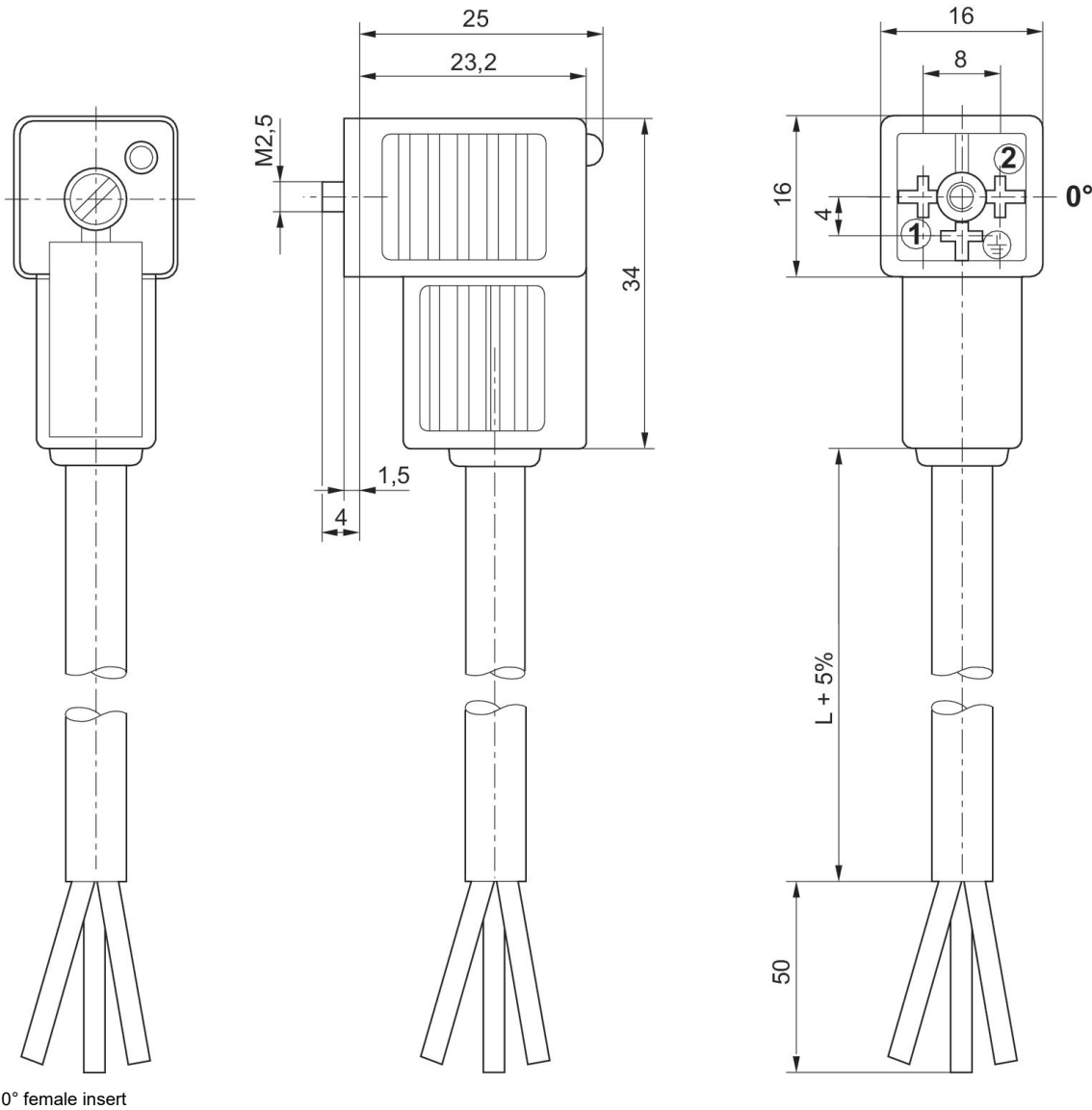
Valve plug connector, series CON-VP, 0° female insert

Electrical connection 1: Socket ... form C ... 2+E
Electrical connection 2: open cable ends ... 3-pin
Protective circuit: Z-diode
Ambient temperature min./max.: -20 °C ... 80 °C



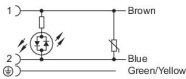
Operational voltage	Protective circuit	Max. current [A]	Contact assignment	LED status display	Cable-Ø [mm]	Cable length [m]	Part No.
24 V AC/DC	Z-diode	6	2+E	Yellow	5.9	3	1834484204
24 V AC/DC	Z-diode	6	2+E	Yellow	5.9	5	1834484206

Dimensions



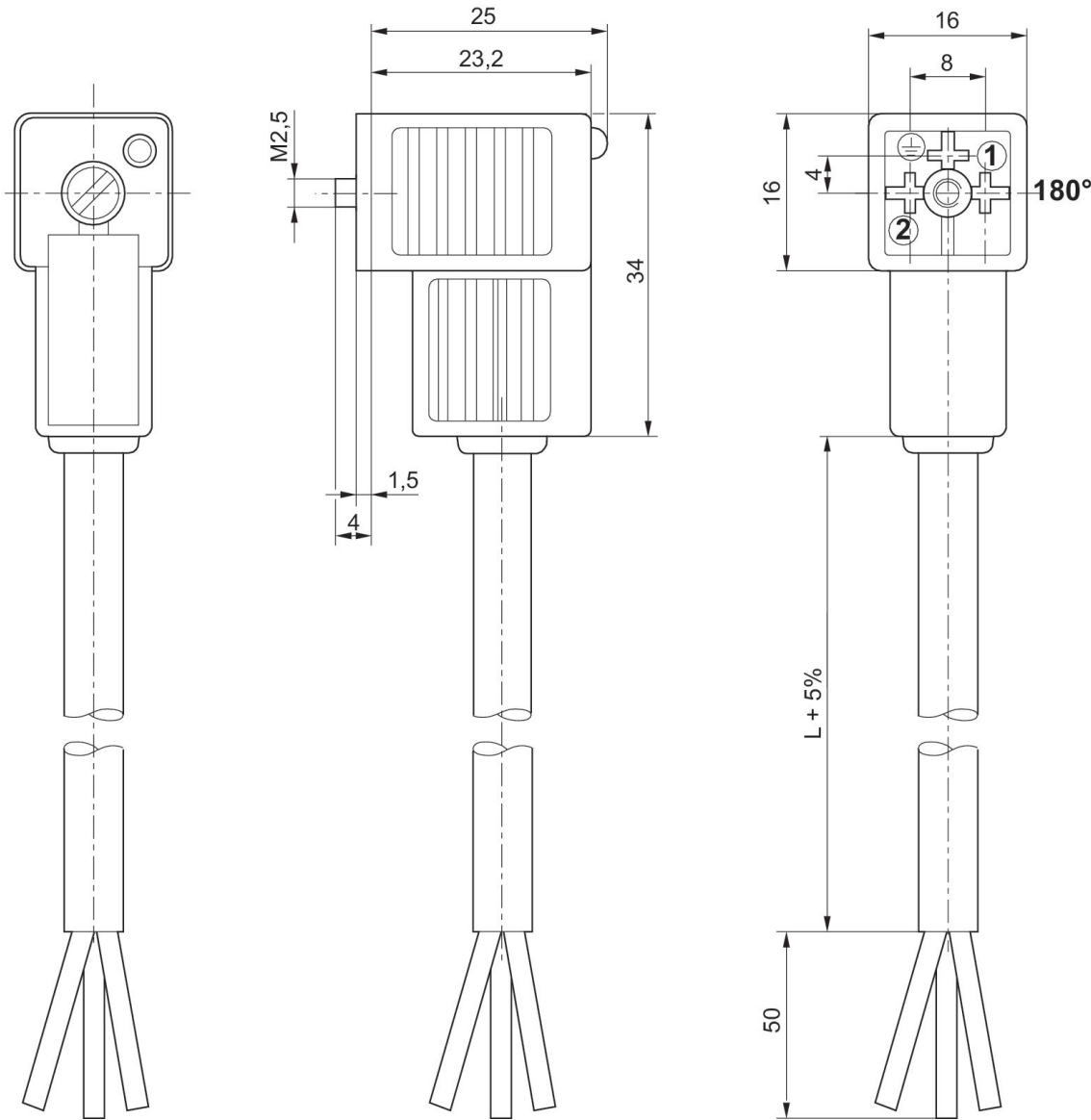
Valve plug connector with cable series CON-VP,, 180° female insert

Electrical connection 1: Socket ... form C ... 2+E
Electrical connection 2: open cable ends ... 3-pin
Protective circuit: Varistor
Ambient temperature min./max.: -20 °C ... 80 °C



Operational voltage	Protective circuit	Max. current [A]	Contact assignment	LED status display	Cable-Ø [mm]	Cable length [m]	Part No.
230 V AC/DC	Varistor	6	2+E	Yellow	5.9	3	1834484209
230 V AC/DC	Varistor	6	2+E	Yellow	5.9	5	1834484211

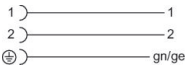
Dimensions



180° female insert

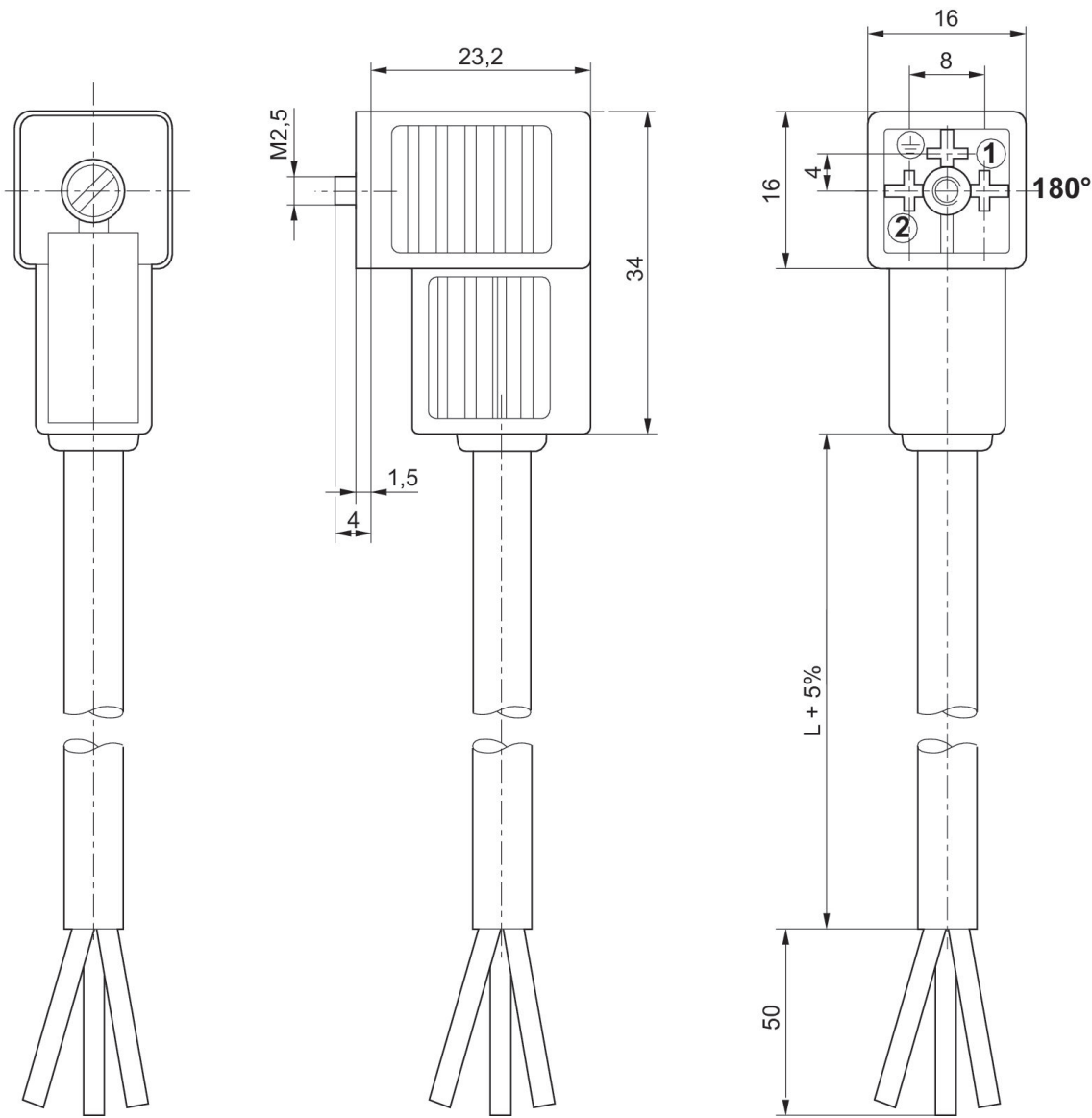
Valve plug connector with cable series CON-VP,, 180° female insert

Electrical connection 1: Socket ... form C ... 2+E
Electrical connection 2: open cable ends ... 3-pin
Ambient temperature min./max.: -20 °C ... 80 °C



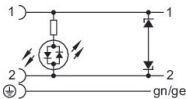
Operational voltage	Max. current [A]	Contact as-signment	Cable-Ø [mm]	Cable length [m]	Part No.
230 V AC/DC	6	2+E	5.9	3	1834484213
230 V AC/DC	6	2+E	5.9	5	1834484215

Dimensions



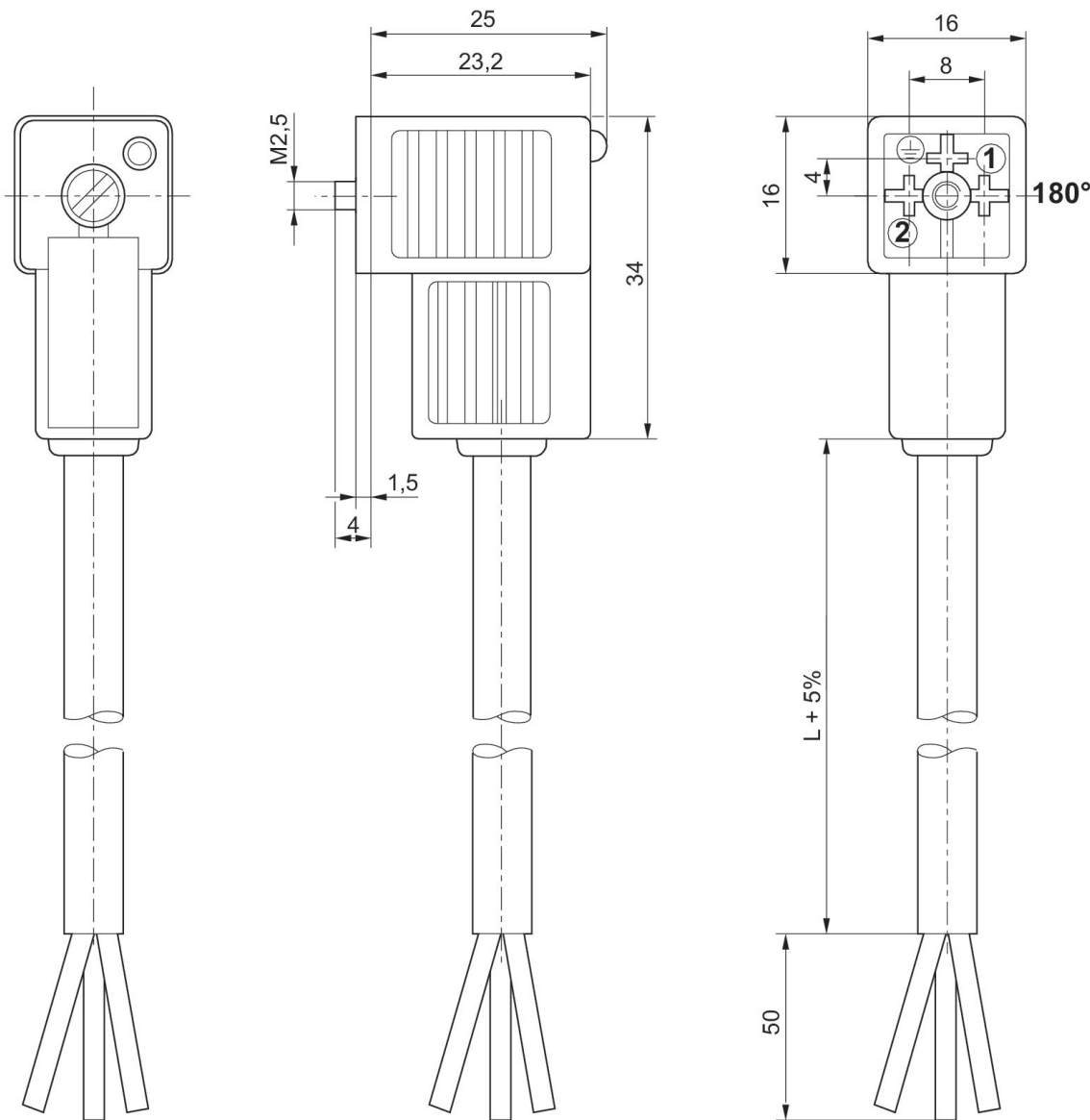
Valve plug connector with cable series CON-VP,, 180° female insert

Electrical connection 1: Socket ... form C ... 2+E
Electrical connection 2: open cable ends ... 3-pin
Protective circuit: Z-diode
Ambient temperature min./max.: -20 °C ... 80 °C



Operational voltage	Protective circuit	Max. current [A]	Contact assignment	LED status display	Cable-Ø [mm]	Cable length [m]	Part No.
24 V AC/DC	Z-diode	6	2+E	Yellow	5.9	3	1834484205
24 V AC/DC	Z-diode	6	2+E	Yellow	5.9	5	1834484207
24 V AC/DC	Z-diode	6	2+E	Yellow	5.9	10	1834484236

Dimensions



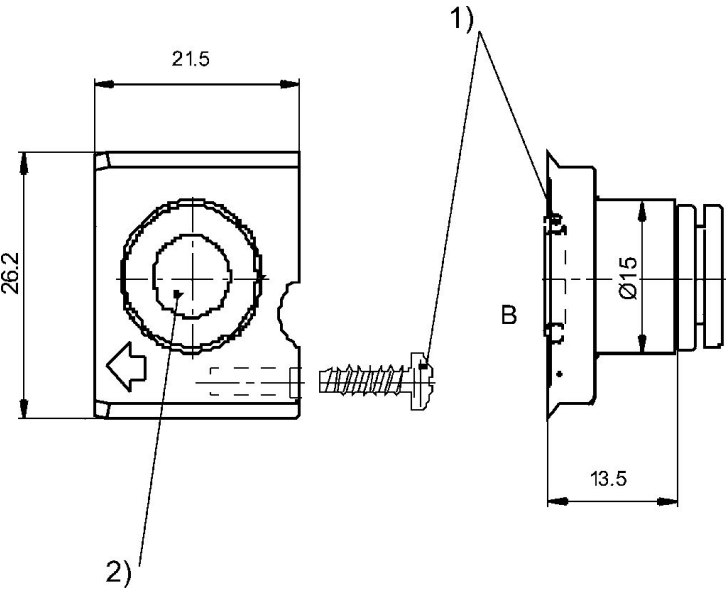
180° female insert

Air connection module

Ambient temperature min./max.: -15 °C ... 60 °C
Working pressure min./max.: 0.5 bar ... 8 bar



Type	Delivery unit [piece]	Weight [kg]	Material	Part No.
Air connection module	1	0.008	Polyamide	5790000092



- 1) mounting screw and O-ring included in scope of delivery
2) Push-in fitting Ø 8x1

Ambient temperature min./max.: -15 °C ... 60 °C
Working pressure min./max.: -0.95 bar ... 10 bar



Type	Part No.
Output module left side G 3/8	5790002202
Stacking module	5790002212
End module	5790002222
Output module left side 10x 1	5790002232
Output module right side G 3/8	5790002242

Threaded pins



Type	Thread con- nection	Part No.
For mounting on the hat rail	M4	8102060582

Name plates



Type	Delivery unit [piece]	Part No.
1-10	5	8943056312
11-20	5	8943056322

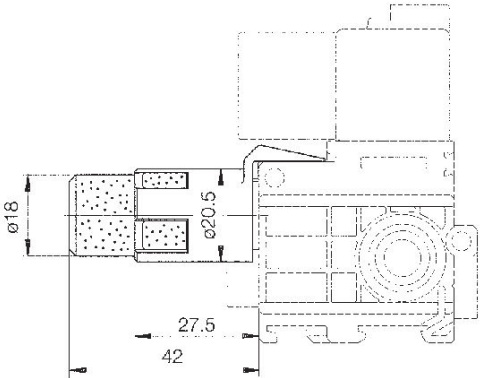
Silencers, series SI1

Flow: 1300 l/min
Silencer material: Polyamide
Ambient temperature min./max.: -25 °C ... 60 °C
Working pressure min./max.: 0 bar ... 10 bar



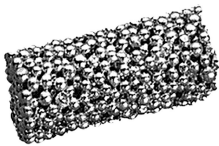
Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
78	1300	1	0.008	5790005312
78	1300	10	0.08	5790005332
78	1300	100	0.8	5790005352

Dimensions



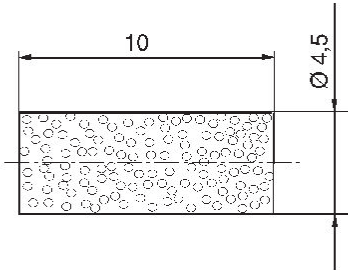
Silencers, series SI1

Silencer material: Sintered bronze
Ambient temperature min./max.: -25 °C ... 80 °C
Working pressure min./max.: 0 bar ... 10 bar



Weight [kg]	Part No.
0.008	8993800114

Dimensions



Silencers, series SI1, Sintered bronze

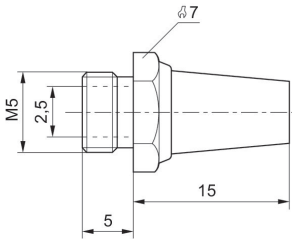
Compressed air connection type: External thread
Silencer material: Sintered bronze
Ambient temperature min./max.: -25 °C ... 80 °C
Working pressure min./max.: 0 bar ... 10 bar



G	Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
M5	72	398	10	0.004	1827000006

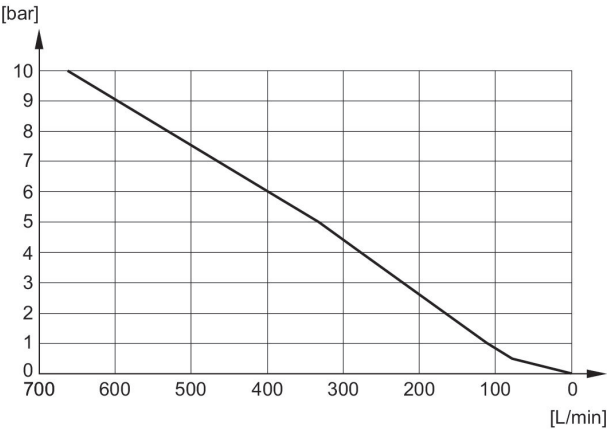
1827000006

Dimensions in mm



Flow diagram

1827000006



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