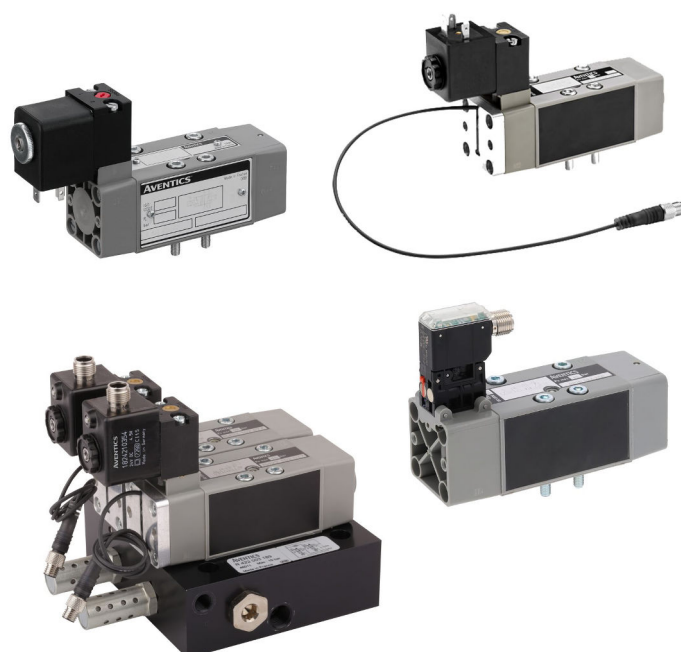


## Series IS12



AVENTICS™

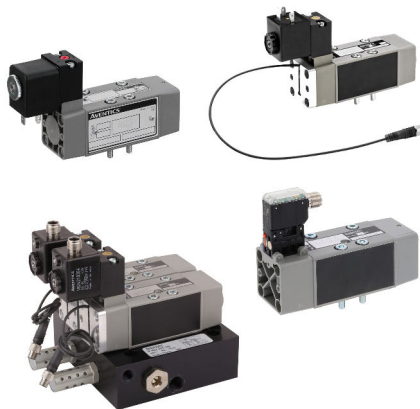
Series IS12



## AVENTICS Series IS12 Directional valves

The AVENTICS Series IS12 complies with the valve standard ISO 5599-1. The Series offers electrically controlled ISO valves of size 1 and 2 with Form A or central M12 connectors.

- Qn max. 2500 l/min
- Electrical control
- Pneumatic control
- Width: 42 mm, 56 mm



## Product overview

### Electrically operated, ISO 1

|                                                          |    |
|----------------------------------------------------------|----|
| 5/2-directional valve, Series IS12, size 1.....<br>15 mm | 7  |
| 5/2-directional valve, Series IS12, size 1.....<br>30 mm | 9  |
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|                                                                            |    |
|----------------------------------------------------------------------------|----|
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|                                                                     |    |
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**5/2-directional valve, Series IS12, size 1**

Flow: 1060 l/min

Pilot valve width: 15 mm

Activation: Electrically

Duty cycle: 100 %

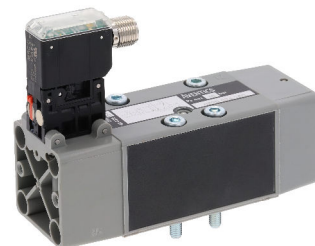
Type: Spool valve, positive overlapping

Ambient temperature min./max.: 0 °C ... 50 °C

Medium temperature min./max.: 0 °C ... 50 °C

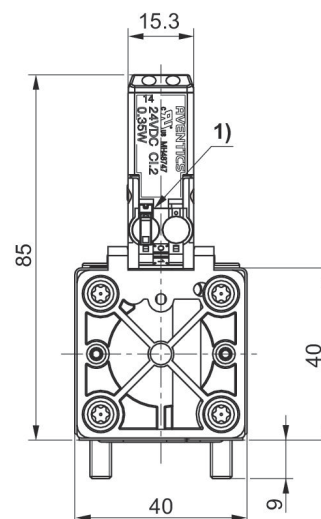
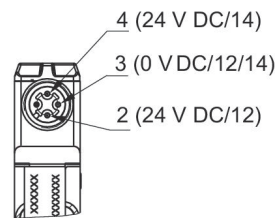
Control pressure min./max.: 2.5 bar ... 10 bar

Working pressure min./max.: -0.95 bar ... 10 bar



|  | Operational voltage | Voltage tolerance DC | Power consumption DC [W] | Switch-on time [ms] | Switch-off time [ms] | Pilot    | Manual override | Part No.   |
|--|---------------------|----------------------|--------------------------|---------------------|----------------------|----------|-----------------|------------|
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 30                   | Internal | without detent  | 0820024250 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 30                   | External | without detent  | 0820024251 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 40                   | Internal | without detent  | 0820024300 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 35                   | External | without detent  | 0820024301 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 16                  | 16                   | Internal | without detent  | 0820024325 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 16                  | 16                   | External | without detent  | 0820024326 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     |                     |                      | Internal | without detent  | 0820024329 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     |                     |                      | External | without detent  | 0820024330 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 30                   | Internal | with detent     | 0820024275 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 30                   | External | with detent     | 0820024276 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 35                   | Internal | with detent     | 0820024302 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 35                   | External | with detent     | 0820024303 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 16                  | 16                   | Internal | with detent     | 0820024327 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 16                  | 16                   | External | with detent     | 0820024328 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     |                     |                      | Internal | with detent     | 0820024331 |

## Dimensions



- 1) Manual override
- 2) 4 screws M4x40 DIN 912
- 3) with air return
- 4) With spring return

**5/2-directional valve, Series IS12, size 1**

Flow: 1060 l/min

Pilot valve width: 30 mm

Activation: Electrically

Duty cycle: 100 %

Type: Spool valve, positive overlapping

Ambient temperature min./max.: -10 °C ... 50 °C

Medium temperature min./max.: -10 °C ... 50 °C

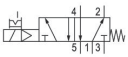
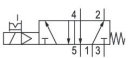
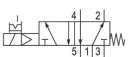
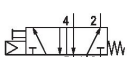
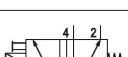
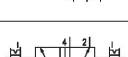
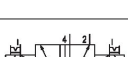
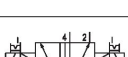
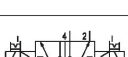
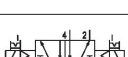
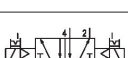
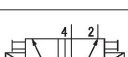
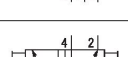
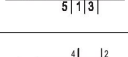
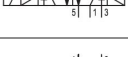
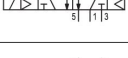
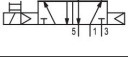
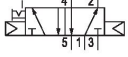
Control pressure min./max.: 10 bar

Working pressure min./max.: 10 bar



|  | Operational voltage | Voltage tolerance DC | Power consumption DC [W] | Switch-on time [ms] | Switch-off time [ms] | Pilot    | Manual override | Part No.   |
|--|---------------------|----------------------|--------------------------|---------------------|----------------------|----------|-----------------|------------|
|  |                     |                      |                          | 18                  | 33                   | Internal | with detent     | 0820024490 |
|  |                     |                      |                          | 18                  | 33                   | Internal | with detent     | 0820024480 |
|  |                     |                      |                          | 18                  | 40                   | Internal | with detent     | 0820024491 |
|  |                     |                      |                          | 18                  | 40                   | Internal | with detent     | 0820024481 |
|  |                     |                      |                          | 16                  | 16                   | Internal | with detent     | 0820024492 |
|  |                     |                      |                          | 16                  | 16                   | Internal | with detent     | 0820024484 |
|  |                     |                      |                          | 18                  | 33                   | Internal | without detent  | 0820024493 |
|  |                     |                      |                          | 18                  | 33                   | Internal | without detent  | 0820024482 |
|  |                     |                      |                          | 18                  | 40                   | Internal | without detent  | 0820024494 |
|  | 230 V AC            |                      |                          | 18                  | 33                   | Internal | with detent     | 0820024001 |
|  |                     |                      |                          | 18                  | 40                   | Internal | without detent  | 0820024483 |
|  |                     |                      |                          | 16                  | 16                   | Internal | without detent  | 0820024495 |
|  |                     |                      |                          | 16                  | 16                   | Internal | without detent  | 0820024485 |
|  |                     |                      |                          | 18                  | 33                   | External | with detent     | 0820024450 |

|  | Operational voltage | Voltage tolerance DC | Power consumption DC [W] | Switch-on time [ms] | Switch-off time [ms] | Pilot    | Manual override | Part No.   |
|--|---------------------|----------------------|--------------------------|---------------------|----------------------|----------|-----------------|------------|
|  |                     |                      |                          | 18                  | 33                   | External | without detent  | 0820024453 |
|  |                     |                      |                          | 18                  | 40                   | External | with detent     | 0820024451 |
|  |                     |                      |                          | 18                  | 40                   | External | without detent  | 0820024454 |
|  |                     |                      |                          | 16                  | 16                   | External | with detent     | 0820024452 |
|  |                     |                      |                          | 16                  | 16                   | External | without detent  | 0820024455 |
|  |                     |                      |                          | 18                  | 33                   | External | with detent     | 0820024460 |
|  | 24 V DC             | -10 % / +10 %        | 4.5                      | 18                  | 33                   | Internal | with detent     | 0820024002 |
|  |                     |                      |                          | 18                  | 33                   | External | without detent  | 0820024463 |
|  |                     |                      |                          | 18                  | 40                   | External | with detent     | 0820024461 |
|  |                     |                      |                          | 18                  | 40                   | External | without detent  | 0820024464 |
|  |                     |                      |                          | 16                  | 16                   | External | with detent     | 0820024462 |
|  |                     |                      |                          | 16                  | 16                   | External | without detent  | 0820024465 |
|  | 24 V AC             |                      |                          | 18                  | 33                   | Internal | with detent     | 0820024003 |
|  | 110 V AC            |                      |                          | 18                  | 33                   | Internal | with detent     | 0820024004 |
|  | 24 V DC             | -10 % / +10 %        | 2.7                      | 18                  | 33                   | Internal | with detent     | 0820024006 |
|  |                     |                      |                          | 18                  | 33                   | Internal | with detent     | 0820024990 |
|  |                     |                      |                          | 18                  | 33                   | Internal | with detent     | 0820024980 |
|  | 230 V AC            |                      |                          | 18                  | 40                   | Internal | with detent     | 0820024025 |
|  | 230 V AC            |                      |                          | 18                  | 40                   | Internal | with detent     | R422000002 |
|  | 24 V DC             | -10 % / +10 %        | 4.5                      | 18                  | 40                   | Internal | with detent     | 0820024026 |

|                                                                                    | Operational voltage | Voltage tolerance DC | Power consumption DC [W] | Switch-on time [ms] | Switch-off time [ms] | Pilot    | Manual override | Part No.   |
|------------------------------------------------------------------------------------|---------------------|----------------------|--------------------------|---------------------|----------------------|----------|-----------------|------------|
|    | 24 V AC             |                      |                          | 18                  | 40                   | Internal | with detent     | 0820024027 |
|    | 110 V AC            |                      |                          | 18                  | 40                   | Internal | with detent     | 0820024028 |
|    | 24 V DC             | -10 % / +10 %        | 2.7                      | 18                  | 40                   | Internal | with detent     | 0820024035 |
|    |                     |                      |                          | 18                  | 40                   | Internal | with detent     | 0820024991 |
|    |                     |                      |                          | 18                  | 40                   | Internal | with detent     | 0820024981 |
|    | 230 V AC            |                      |                          | 16                  | 16                   | Internal | with detent     | 0820024501 |
|    | 230 V AC            |                      |                          | 16                  | 16                   | Internal | with detent     | R422000003 |
|    | 24 V DC             | -10 % / +10 %        | 4.5                      | 16                  | 16                   | Internal | with detent     | 0820024502 |
|    | 24 V AC             |                      |                          | 16                  | 16                   | Internal | with detent     | 0820024503 |
|   | 110 V AC            |                      |                          | 16                  | 16                   | Internal | with detent     | 0820024504 |
|  | 24 V DC             | -10 % / +10 %        | 2.7                      | 16                  | 16                   | Internal | with detent     | 0820024510 |
|  |                     |                      |                          | 16                  | 16                   | Internal | with detent     | 0820024992 |
|  |                     |                      |                          | 16                  | 16                   | Internal | with detent     | 0820024984 |
|  | 230 V AC            |                      |                          | 18                  | 33                   | Internal | without detent  | 0820024051 |
|  | 24 V DC             | -10 % / +10 %        | 4.5                      | 18                  | 33                   | Internal | without detent  | 0820024052 |
|  | 24 V AC             |                      |                          | 18                  | 33                   | Internal | without detent  | 0820024053 |
|  | 110 V AC            |                      |                          | 18                  | 33                   | Internal | without detent  | 0820024054 |
|  | 24 V DC             | -10 % / +10 %        | 2.7                      | 18                  | 33                   | Internal | without detent  | 0820024060 |
|  |                     |                      |                          | 18                  | 33                   | Internal | without detent  | 0820024993 |
|  |                     |                      |                          | 18                  | 33                   | Internal | without detent  | 0820024982 |

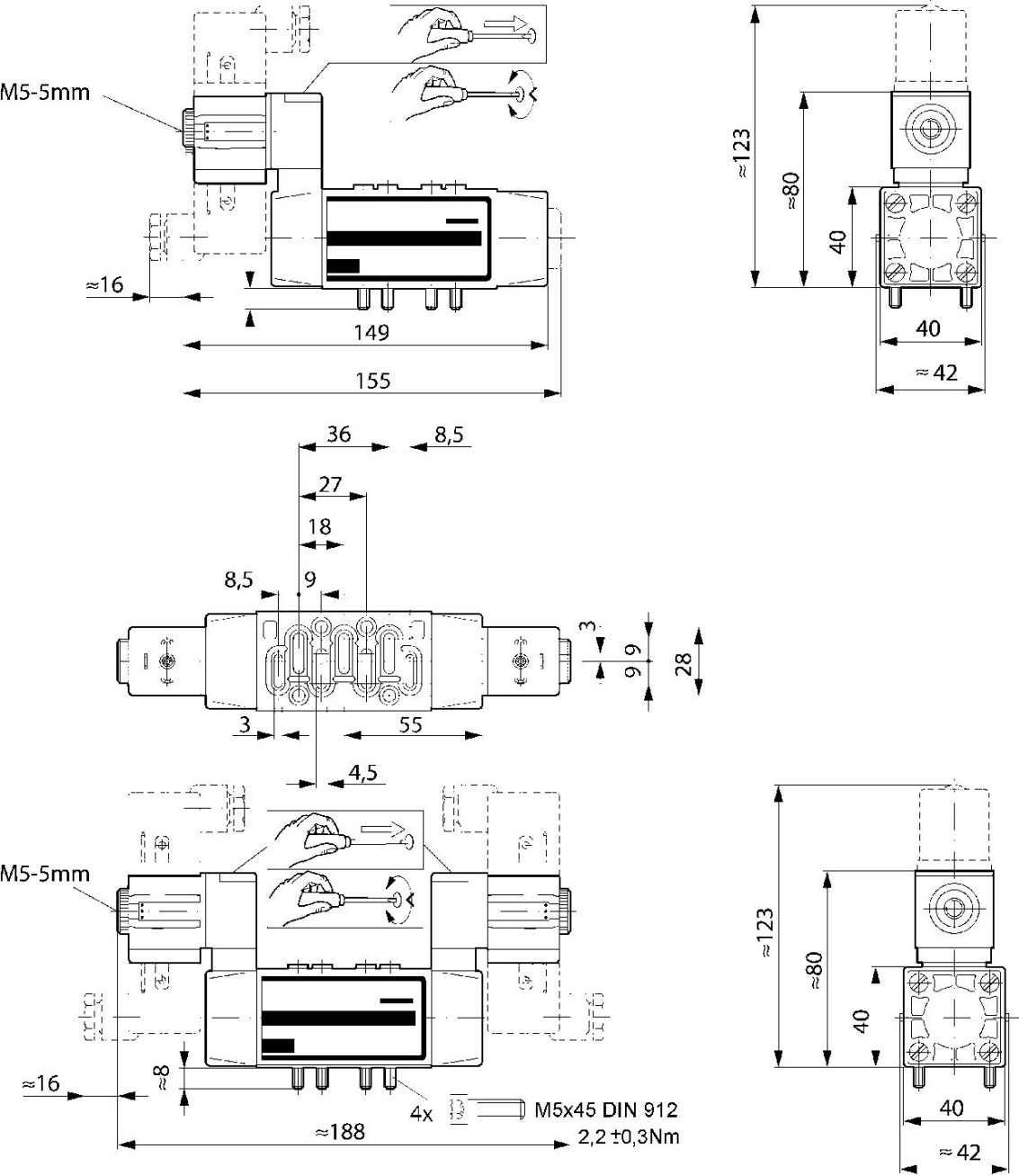
|  | Operational voltage | Voltage tolerance DC | Power consumption DC [W] | Switch-on time [ms] | Switch-off time [ms] | Pilot    | Manual override | Part No.   |
|--|---------------------|----------------------|--------------------------|---------------------|----------------------|----------|-----------------|------------|
|  | 230 V AC            |                      |                          | 18                  | 40                   | Internal | without detent  | 0820024075 |
|  | 24 V DC             | -10 % / +10 %        | 4.5                      | 18                  | 40                   | Internal | without detent  | 0820024076 |
|  | 24 V DC             |                      |                          | 18                  | 40                   | Internal | without detent  | 0820024077 |
|  | 110 V AC            |                      |                          | 18                  | 40                   | Internal | without detent  | 0820024078 |
|  | 24 V DC             | -10 % / +10 %        | 2.7                      | 18                  | 40                   | Internal | without detent  | 0820024085 |
|  |                     |                      |                          | 18                  | 40                   | Internal | without detent  | 0820024994 |
|  |                     |                      |                          | 18                  | 40                   | Internal | without detent  | 0820024983 |
|  | 230 V AC            |                      |                          | 16                  | 16                   | Internal | without detent  | 0820024551 |
|  | 24 V DC             | -10 % / +10 %        | 4.5                      | 16                  | 16                   | Internal | without detent  | 0820024552 |
|  | 24 V AC             |                      |                          | 16                  | 16                   | Internal | without detent  | 0820024553 |
|  | 110 V AC            |                      |                          | 16                  | 16                   | Internal | without detent  | 0820024554 |
|  | 24 V DC             | -10 % / +10 %        | 2.7                      | 16                  | 16                   | Internal | without detent  | 0820024560 |
|  |                     |                      |                          | 16                  | 16                   | Internal | without detent  | 0820024995 |
|  |                     |                      |                          | 16                  | 16                   | Internal | without detent  | 0820024985 |
|  |                     |                      |                          | 18                  | 33                   | External | with detent     | 0820024950 |
|  |                     |                      |                          | 18                  | 33                   | External | without detent  | 0820024953 |
|  |                     |                      |                          | 18                  | 40                   | External | with detent     | 0820024951 |
|  |                     |                      |                          | 18                  | 40                   | External | without detent  | 0820024954 |
|  |                     |                      |                          | 16                  | 16                   | External | with detent     | 0820024952 |
|  |                     |                      |                          | 16                  | 16                   | External | without detent  | 0820024955 |

| Compatibil-<br>ity index | Part No.   |
|--------------------------|------------|
| 54                       | 0820024490 |
| 52                       | 0820024480 |
| 54                       | 0820024491 |
| 52                       | 0820024481 |
| 54                       | 0820024492 |
| 52                       | 0820024484 |
| 54                       | 0820024493 |
| 52                       | 0820024482 |
| 54                       | 0820024494 |
| 15                       | 0820024001 |
| 52                       | 0820024483 |
| 54                       | 0820024495 |
| 52                       | 0820024485 |
| 52                       | 0820024450 |
| 52                       | 0820024453 |
| 52                       | 0820024451 |
| 52                       | 0820024454 |
| 52                       | 0820024452 |
| 52                       | 0820024455 |
| 54                       | 0820024460 |
| 15                       | 0820024002 |
| 54                       | 0820024463 |
| 54                       | 0820024461 |
| 54                       | 0820024464 |
| 54                       | 0820024462 |
| 54                       | 0820024465 |

| Compatibil-<br>ity index | Part No.   |
|--------------------------|------------|
| 15                       | 0820024003 |
| 15                       | 0820024004 |
|                          | 0820024006 |
| 15                       | 0820024990 |
|                          | 0820024980 |
| 15                       | 0820024025 |
|                          | R422000002 |
| 15                       | 0820024026 |
| 15                       | 0820024027 |
| 15                       | 0820024028 |
|                          | 0820024035 |
| 15                       | 0820024991 |
|                          | 0820024981 |
| 15                       | 0820024501 |
|                          | R422000003 |
| 15                       | 0820024502 |
| 15                       | 0820024503 |
| 15                       | 0820024504 |
|                          | 0820024510 |
| 15                       | 0820024992 |
|                          | 0820024984 |
| 15                       | 0820024051 |
| 15                       | 0820024052 |
| 15                       | 0820024053 |
| 15                       | 0820024054 |
| 14                       | 0820024060 |
| 15                       | 0820024993 |
| 14                       | 0820024982 |
| 15                       | 0820024075 |
| 15                       | 0820024076 |
| 15                       | 0820024077 |
| 15                       | 0820024078 |
| 14                       | 0820024085 |
| 15                       | 0820024994 |
| 14                       | 0820024983 |
| 15                       | 0820024551 |
| 15                       | 0820024552 |
| 15                       | 0820024553 |
| 15                       | 0820024554 |
| 14                       | 0820024560 |
| 15                       | 0820024995 |

| Compatibil-<br>ity index | Part No.   |
|--------------------------|------------|
| 14                       | 0820024985 |
|                          | 0820024950 |
| 14                       | 0820024953 |
|                          | 0820024951 |
| 14                       | 0820024954 |
|                          | 0820024952 |
| 14                       | 0820024955 |
| 15                       | 0820024960 |
| 15                       | 0820024963 |
| 15                       | 0820024961 |
| 15                       | 0820024964 |
| 15                       | 0820024962 |
| 15                       | 0820024965 |

Dimensions



**5/3-directional valve, Series IS12, size 1**

Flow: 880 l/min

Pilot valve width: 15 mm

Activation: Electrically

Duty cycle: 100 %

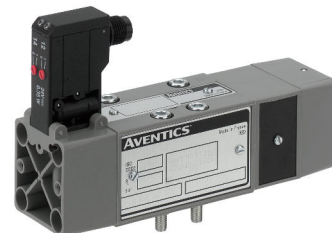
Type: Spool valve, positive overlapping

Ambient temperature min./max.: 0 °C ... 50 °C

Medium temperature min./max.: 0 °C ... 50 °C

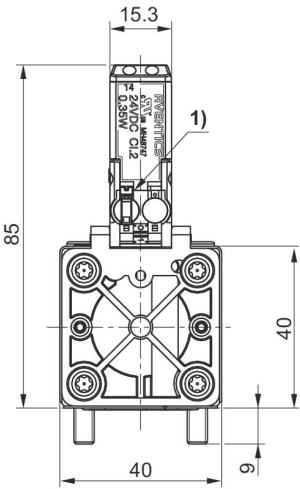
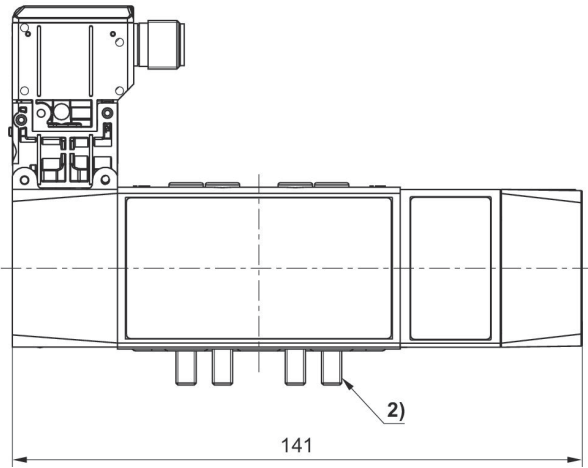
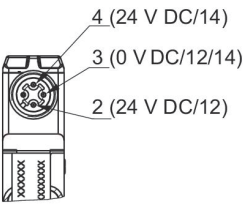
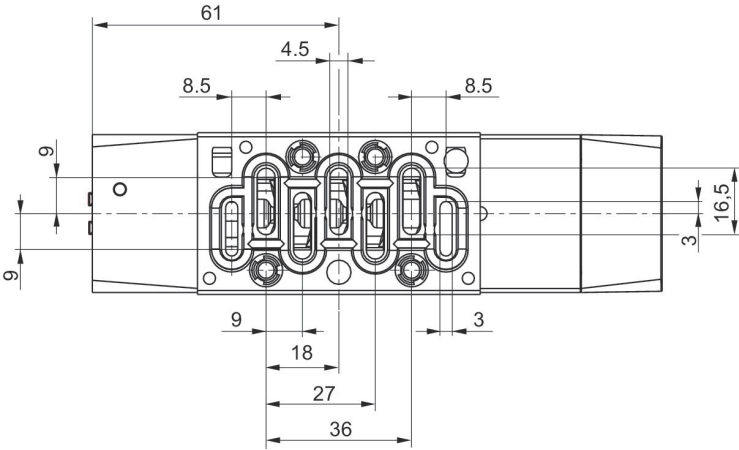
Control pressure min./max.: 2.5 bar ... 10 bar

Working pressure min./max.: -0.95 bar ... 10 bar



|  | Operational voltage | Voltage tolerance DC | Power consumption DC [W] | Switch-on time [ms] | Switch-off time [ms] | Pilot    | Manual override | Part No.   |
|--|---------------------|----------------------|--------------------------|---------------------|----------------------|----------|-----------------|------------|
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 16                  |                      | Internal | without detent  | 0820027275 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 16                  |                      | External | without detent  | 0820027276 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 35                   | Internal | without detent  | 0820027300 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 35                   | External | without detent  | 0820027301 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     |                     |                      | Internal | without detent  | 0820027325 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     |                     |                      | External | without detent  | 0820027326 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 16                  |                      | Internal | with detent     | 0820027277 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 16                  |                      | External | with detent     | 0820027278 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 35                   | Internal | with detent     | 0820027302 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 35                   | External | with detent     | 0820027303 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     |                     |                      | Internal | with detent     | 0820027327 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     |                     |                      | External | with detent     | 0820027328 |

Dimensions



- 1) Manual override
- 2) 4 screws M4x40 DIN 912

**5/2-directional valve, Series IS12, size 2**

Flow: 2500 l/min

Pilot valve width: 15 mm

Activation: Electrically

Duty cycle: 100 %

Type: Spool valve, positive overlapping

Ambient temperature min./max.: -10 °C ... 50 °C

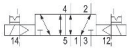
Medium temperature min./max.: -10 °C ... 50 °C

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

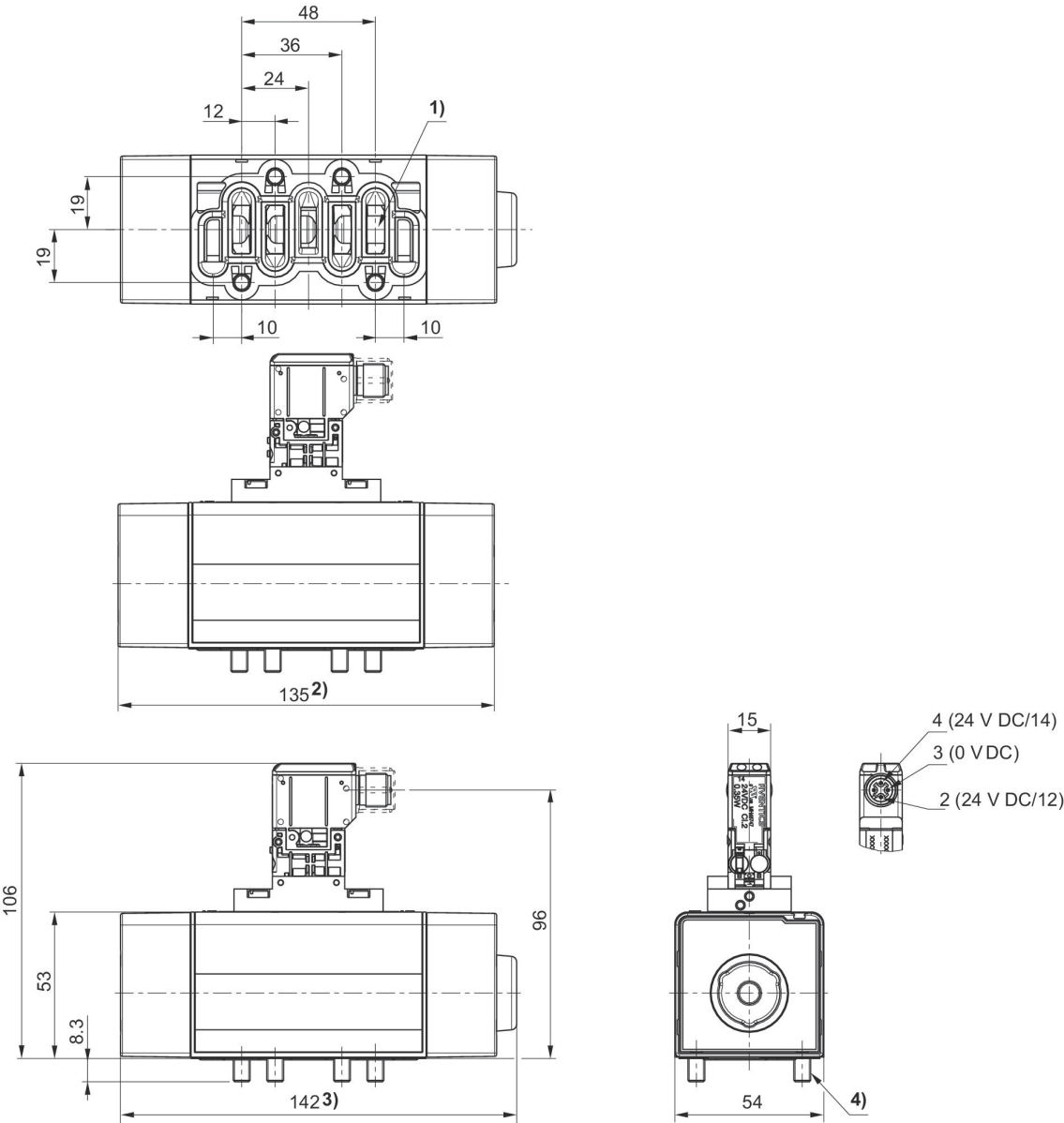
Working pressure min./max.: -0.95 bar ... 10 bar



|  | Operational voltage | Voltage tolerance DC | Power consumption DC [W] | Switch-on time [ms] | Switch-off time [ms] | Pilot    | Manual override | Part No.   |
|--|---------------------|----------------------|--------------------------|---------------------|----------------------|----------|-----------------|------------|
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 24                  | 40                   | Internal | without detent  | 0820025250 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 24                  | 40                   | External | without detent  | 0820025251 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 20                  | 45                   | Internal | without detent  | 0820025300 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 20                  | 56                   | External | without detent  | 0820025301 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 18                   | Internal | without detent  | 0820025325 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 18                   | External | without detent  | 0820025326 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     |                     |                      | Internal | without detent  | 0820025329 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     |                     |                      | External | without detent  | 0820025330 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 24                  | 40                   | Internal | with detent     | 0820025252 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 24                  | 40                   | External | with detent     | 0820025253 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 20                  | 45                   | Internal | with detent     | 0820025302 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 20                  | 56                   | External | with detent     | 0820025303 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 18                   | Internal | with detent     | 0820025327 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 18                  | 18                   | External | with detent     | 0820025328 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     |                     |                      | Internal | with detent     | 0820025331 |

|                                                                                  | Operational voltage | Voltage tolerance DC | Power consumption DC [W] | Switch-on time [ms] | Switch-off time [ms] | Pilot    | Manual override | Part No.   |
|----------------------------------------------------------------------------------|---------------------|----------------------|--------------------------|---------------------|----------------------|----------|-----------------|------------|
|  | 24 V DC             | -10 % / +10 %        | 0.35                     |                     |                      | External | with detent     | 0820025332 |

Dimensions



1) according to ISO 5599-1  
2) with air return  
3) With spring return  
4) 4 screws M4x40 DIN 912

**5/3-directional valve, Series IS12, size 2**

Pilot valve width: 15 mm

Activation: Electrically

Duty cycle: 100 %

Type: Spool valve, positive overlapping

Ambient temperature min./max.: 0 °C ... 50 °C

Medium temperature min./max.: 0 °C ... 50 °C

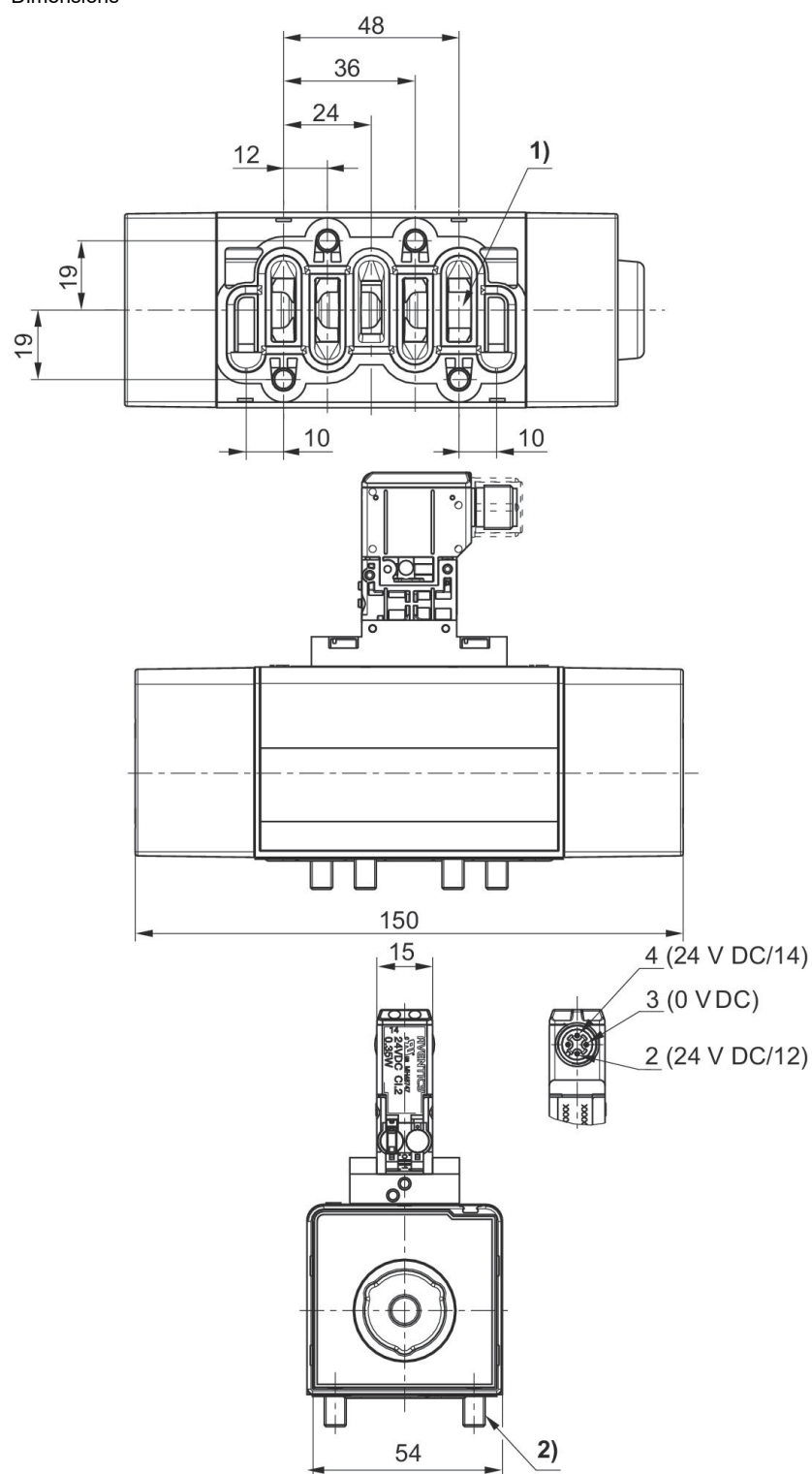
Control pressure min./max.: 2.5 bar ... 10 bar

Working pressure min./max.: -0.95 bar ... 10 bar



|  | Operational voltage | Voltage tolerance DC | Power consumption DC [W] | Switch-on time [ms] | Switch-off time [ms] | Pilot    | Manual override | Part No.   |
|--|---------------------|----------------------|--------------------------|---------------------|----------------------|----------|-----------------|------------|
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 22                  |                      | Internal | without detent  | 0820028275 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 22                  |                      | External | without detent  | 0820028276 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 20                  | 45                   | Internal | without detent  | 0820028375 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 20                  | 45                   | External | without detent  | 0820028376 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 20                  |                      | Internal | without detent  | 0820028425 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 20                  |                      | External | without detent  | 0820028426 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 22                  |                      | Internal | with detent     | 0820028277 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 22                  |                      | External | with detent     | 0820028278 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 20                  | 45                   | Internal | with detent     | 0820028377 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 20                  | 45                   | External | with detent     | 0820028378 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 20                  |                      | Internal | with detent     | 0820028427 |
|  | 24 V DC             | -10 % / +10 %        | 0.35                     | 20                  |                      | External | with detent     | 0820028428 |

## Dimensions



1) according to ISO 5599-1  
2) 4 screws M4x40 DIN 912

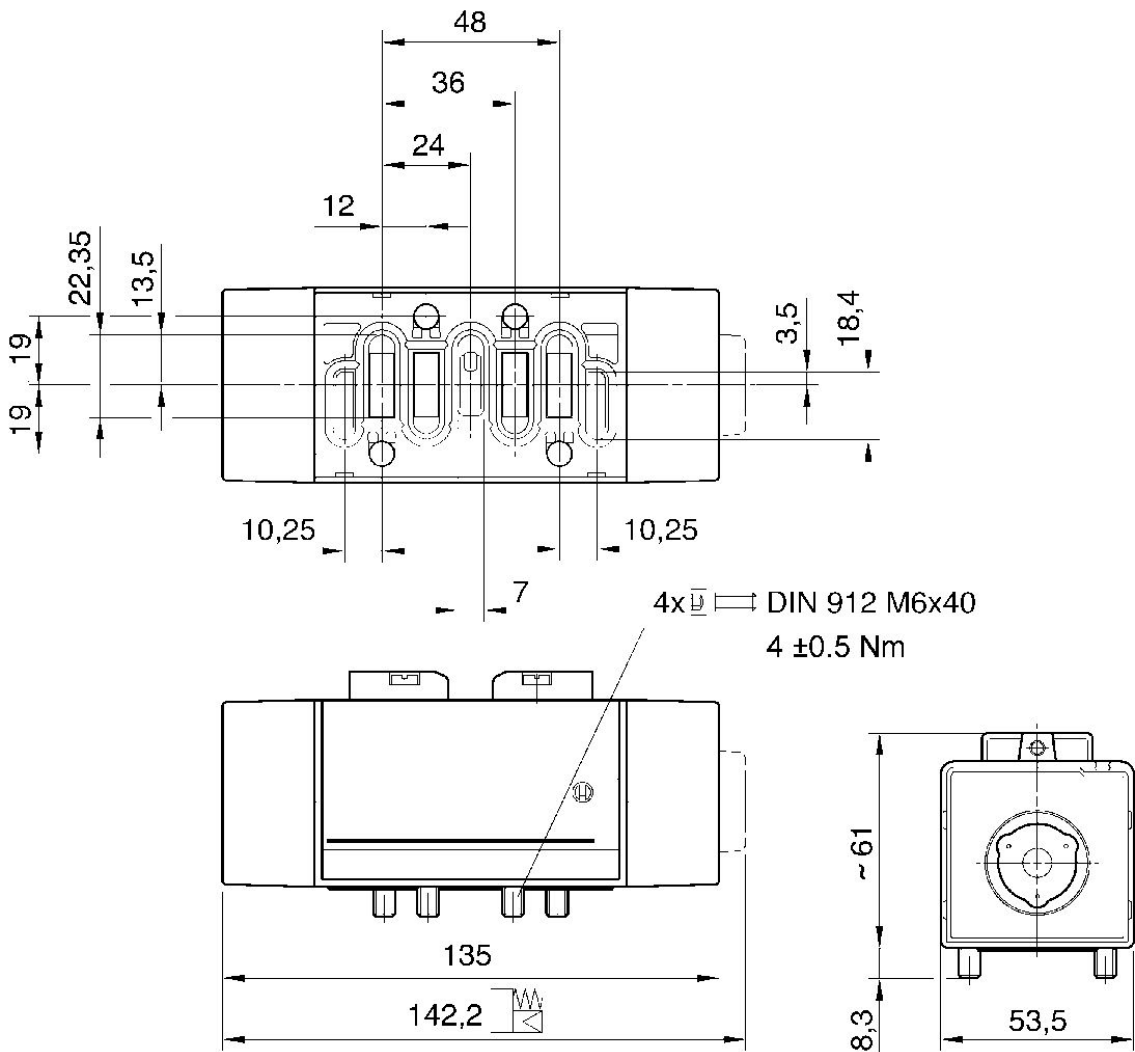
5/2-directional valve, Series IS12, size 2

Flow: 2500 l/min  
Activation: Pneumatically  
Type: Spool valve, positive overlapping  
Ambient temperature min./max.: 0 °C ... 80 °C  
Medium temperature min./max.: 0 °C ... 80 °C  
Control pressure min./max.: 10 bar  
Working pressure min./max.: 10 bar

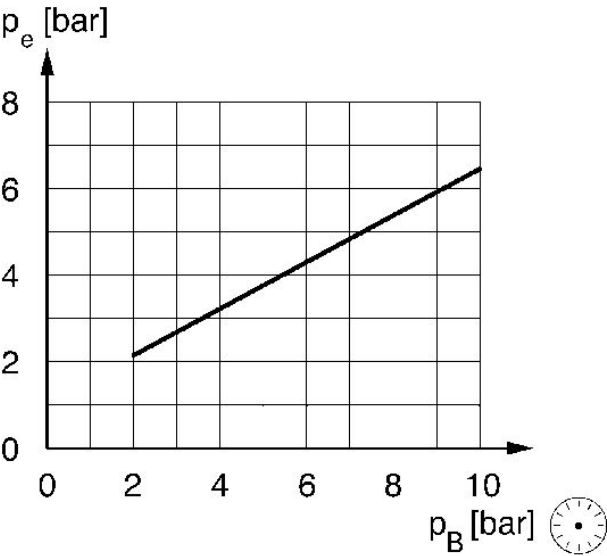


|  | Switching principle         | Pilot    | Part No.   |
|--|-----------------------------|----------|------------|
|  | 5/2, with air spring return | External | 0820225101 |
|  | 5/2, with spring return     | External | 0820225102 |

Dimensions



External pilot pressure



$p_e$  = external control pressure, min.  
 $p_B$  = Working pressure

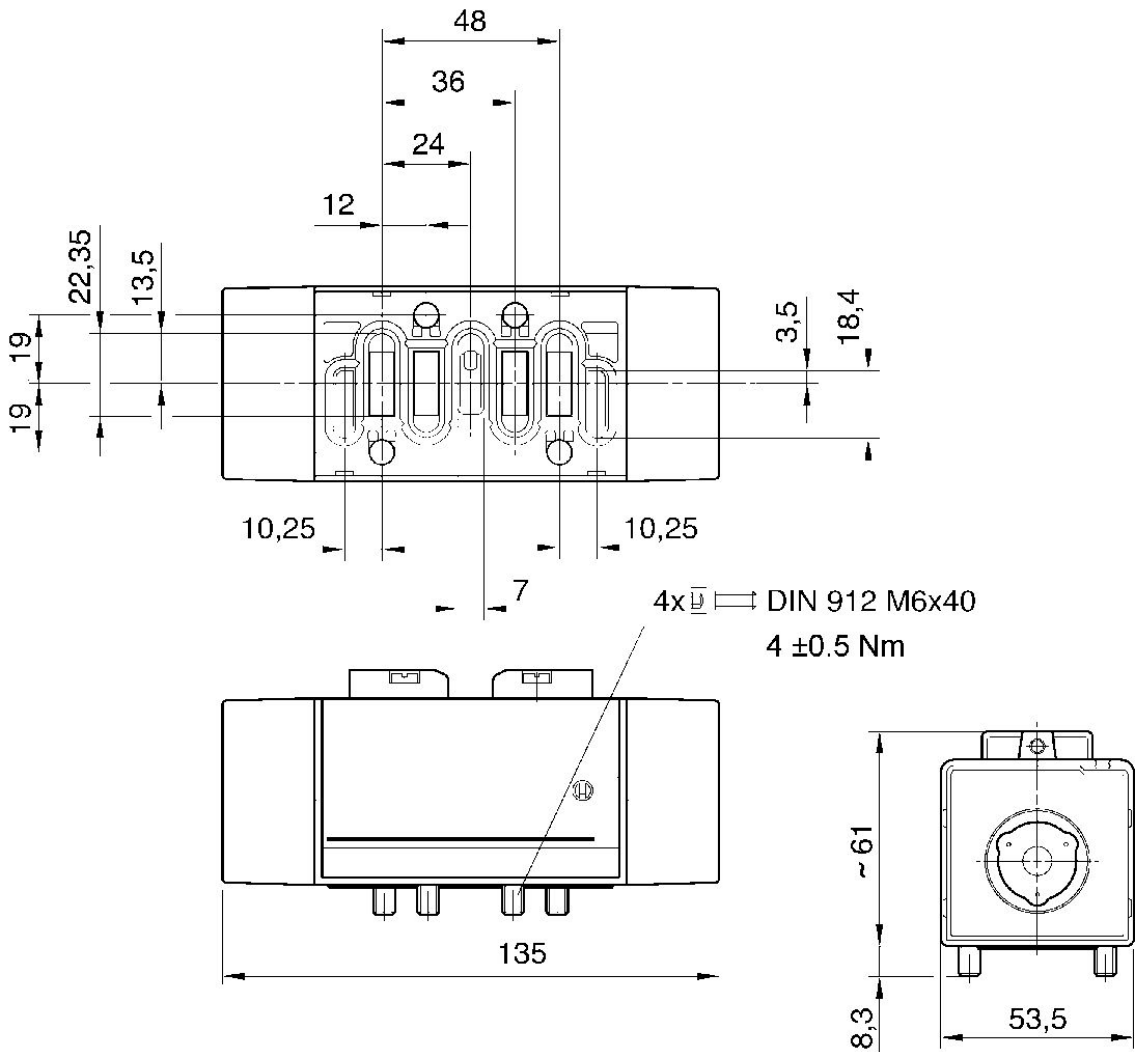
5/2-directional valve, Series IS12, size 2

Flow: 2500 l/min  
Activation: Pneumatically  
Type: Spool valve, positive overlapping  
Ambient temperature min./max.: 0 °C ... 80 °C  
Medium temperature min./max.: 0 °C ... 80 °C  
Control pressure min./max.: 10 bar  
Working pressure min./max.: -0.9 bar ... 10 bar



|  | Switching principle   | Pilot    | Part No.   |
|--|-----------------------|----------|------------|
|  | 5/2, double air pilot | External | 0820225103 |
|  | 5/2, double air pilot | External | 0820225104 |

Dimensions



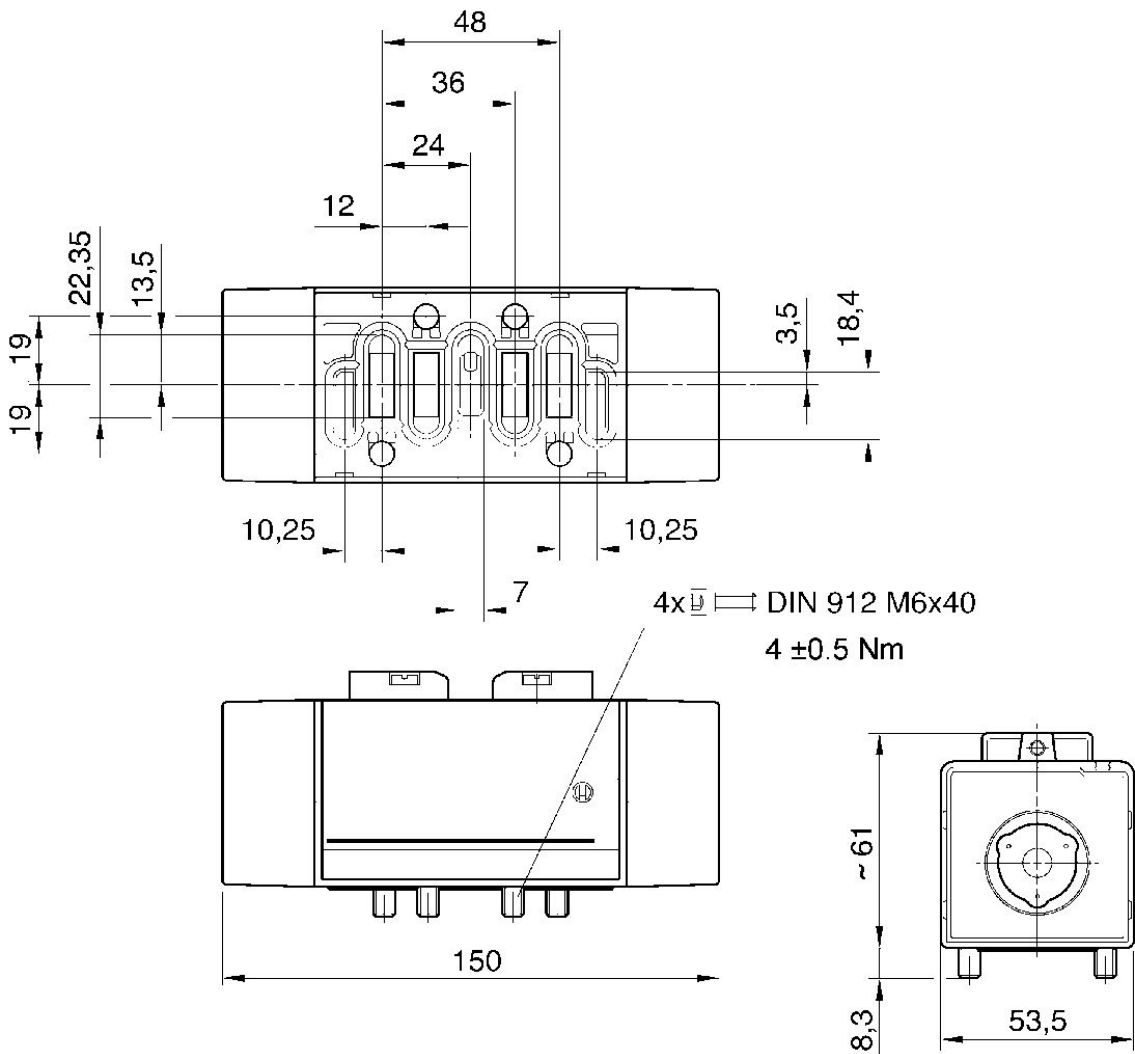
5/3-directional valve, Series IS12, size 2

Activation: Pneumatically  
Type: Spool valve, positive overlapping  
Ambient temperature min./max.: 0 °C ... 80 °C  
Medium temperature min./max.: 0 °C ... 80 °C  
Control pressure min./max.: 2.8 bar ... 10 bar  
Working pressure min./max.: -0.9 bar ... 10 bar

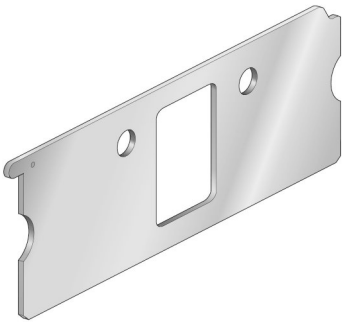


|  | Switching principle     | Pilot    | Part No.   |
|--|-------------------------|----------|------------|
|  | 5/3, closed center      | External | 0820228101 |
|  | 5/3, exhausted center   | External | 0820228102 |
|  | 5/3, pressurized center | External | 0820228103 |

Dimensions



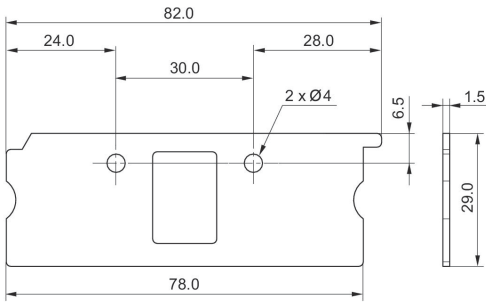
Transition plate, Port 1 open



| Type        | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No. |
|-------------|------------|-------------------------------|-------------------------------|----------|
| Port 1 open | ISO 1      | -10                           | 60                            | 88135512 |

88135512

Dimensions

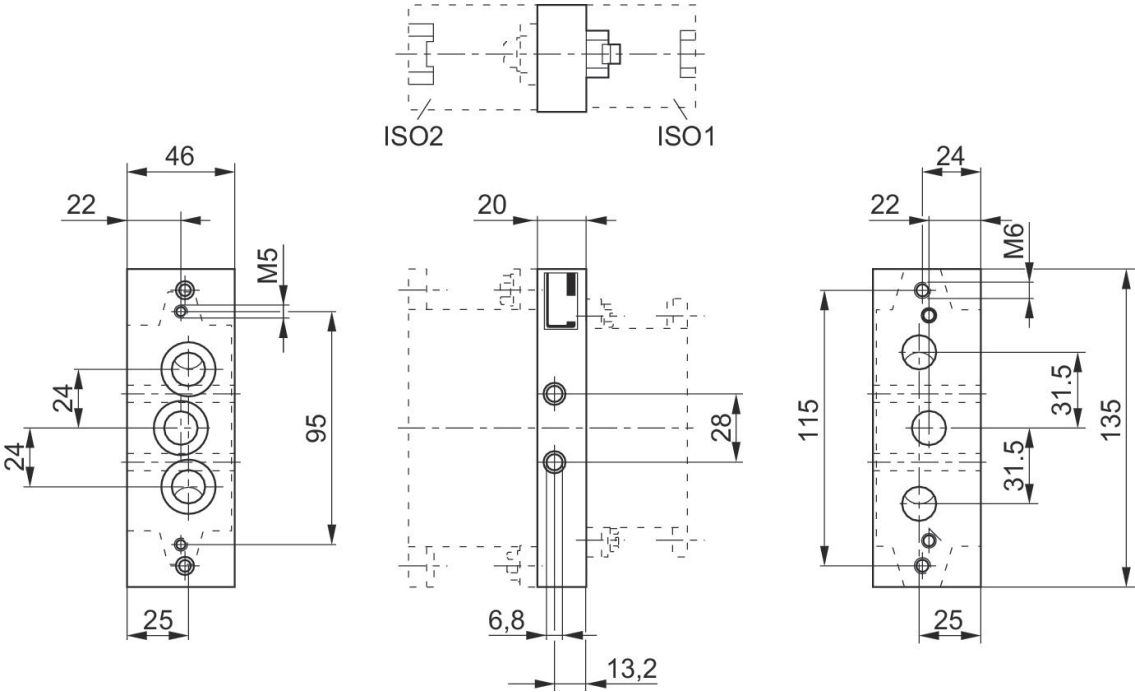


Transition plate, ISO 1 > ISO 2

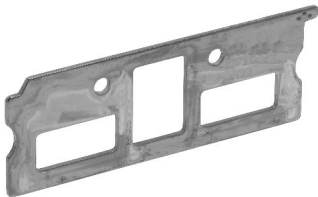


| Frame size    | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No.   |
|---------------|-------------------------------|-------------------------------|------------|
| ISO 1 > ISO 2 | -15                           | 70                            | 1825503164 |

Dimensions



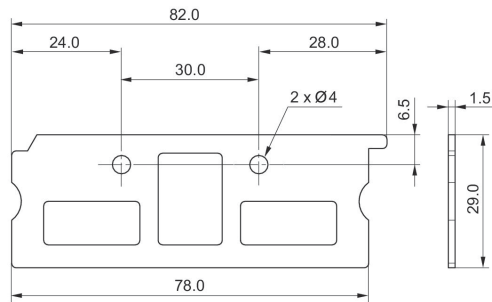
Transition plate, Port 1, 3, 5 open



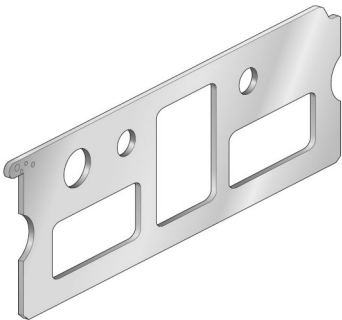
| Type              | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No. |
|-------------------|------------|-------------------------------|-------------------------------|----------|
| Port 1, 3, 5 open | ISO 1      | -10                           | 60                            | 88135502 |

88135502

Dimensions



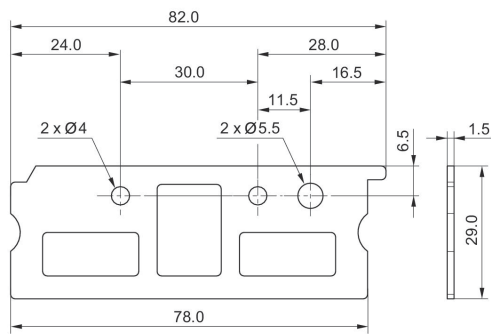
Transition plate, Port 1, 3, 5 and 12 or 14 open



| Type                           | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No. |
|--------------------------------|------------|-------------------------------|-------------------------------|----------|
| Port 1, 3, 5 and 12 or 14 open | ISO 1      | -10                           | 60                            | 88135503 |

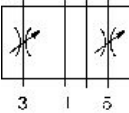
88135503

Dimensions

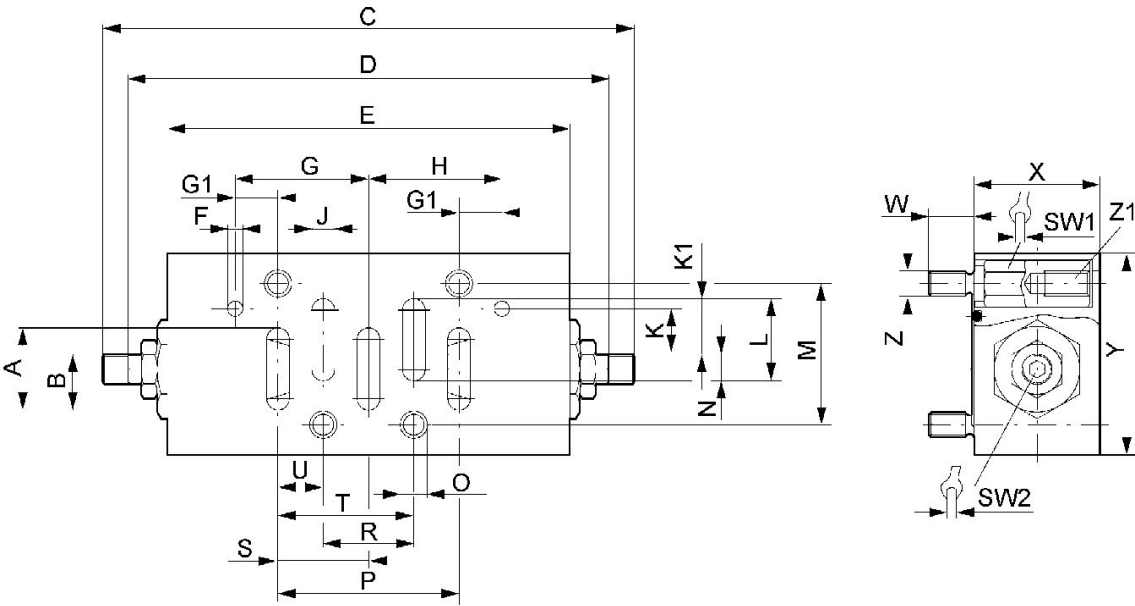


Throttle plate



|                                                                                  | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No.   |
|----------------------------------------------------------------------------------|------------|-------------------------------|-------------------------------|------------|
|  | ISO 1      | 0                             | 80                            | 0821201023 |

Dimensions



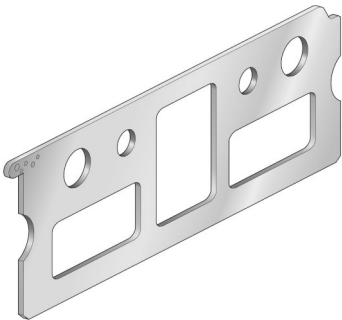
| Part No.   | A    | B    | C     | D     | E   | F | G    | G1  | H    |
|------------|------|------|-------|-------|-----|---|------|-----|------|
| 0821201023 | 16.3 | 11,1 | 105.6 | 95.6  | 80  | 3 | 26,5 | 8.5 | 26.5 |
| 0821201024 | 22   | 13,5 | 128.6 | 118.6 | 102 | 3 | 34   | 10  | 34   |
| 0821201025 | 29   | 16,5 | 189.9 | 169.9 | 140 | 4 | 45   | 13  | 45   |

| Part No.   | J   | K    | K1   | L    | M  | N    | O   | P  | R  |
|------------|-----|------|------|------|----|------|-----|----|----|
| 0821201023 | 4.5 | 9    | 10.8 | 16.3 | 28 | 5.5  | 5.2 | 36 | 18 |
| 0821201024 | 7   | 10   | 13.5 | 22   | 38 | 8.5  | 6.2 | 48 | 24 |
| 0821201025 | 10  | 11.5 | 16.5 | 29   | 48 | 12.5 | 8.2 | 64 | 32 |

| Part No.   | S  | SW1 | SW2 | T  | U  | W  | X  | Y  | Z  |
|------------|----|-----|-----|----|----|----|----|----|----|
| 0821201023 | 18 | 8   | 3   | 27 | 9  | 9  | 25 | 40 | M5 |
| 0821201024 | 24 | 9   | 3   | 36 | 12 | 9  | 25 | 55 | M6 |
| 0821201025 | 32 | 11  | 4   | 48 | 16 | 14 | 35 | 70 | M8 |

| Part No.   | Weight | Z1    |
|------------|--------|-------|
| 0821201023 |        | M5-9  |
| 0821201024 |        | M6-10 |
| 0821201025 |        | M8-14 |

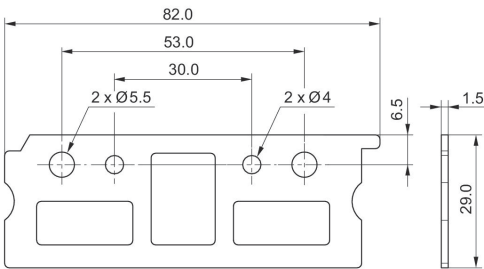
Transition plate, Port 1, 3, 5, 12, 14 open



| Type                      | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No. |
|---------------------------|------------|-------------------------------|-------------------------------|----------|
| Port 1, 3, 5, 12, 14 open | ISO 1      | -10                           | 60                            | 88135504 |

88135504

Dimensions



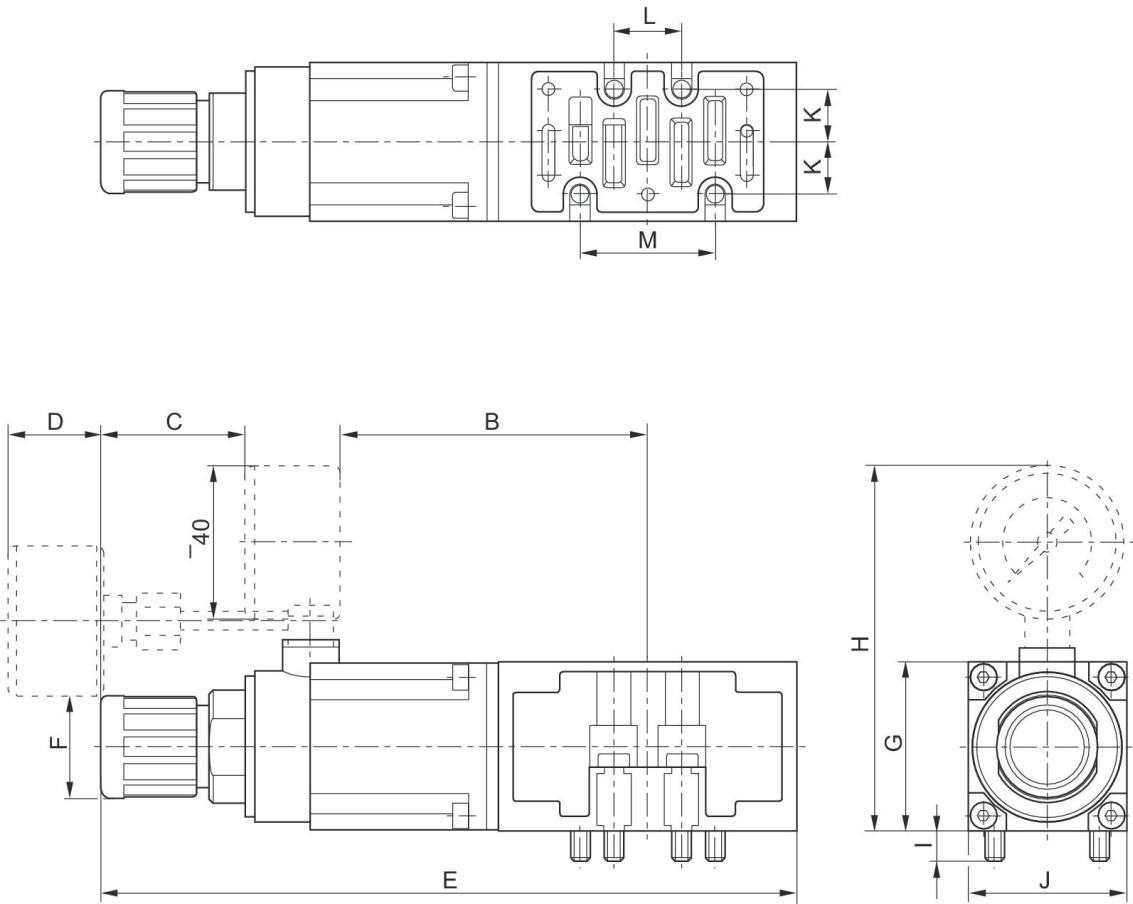
Pressure regulator for vertical stacking, Controlled connection 1/2/4

Ambient temperature min./max.: 5 °C ... 50 °C  
Working pressure min./max.: 16 bar



|  | Con-<br>trolled port | Min. regula-<br>tion range<br>[bar] | Max. regula-<br>tion range<br>[bar] | Fig.   | Part No.   |
|--|----------------------|-------------------------------------|-------------------------------------|--------|------------|
|  | 1                    | 0.5                                 | 12                                  | Fig. 1 | 0821302048 |
|  | 1                    | 0.5                                 | 12                                  | Fig. 1 | 0821302060 |
|  | 2                    | 0.5                                 | 12                                  | Fig. 1 | 0821302054 |
|  | 2                    | 0.5                                 | 12                                  | Fig. 1 | 0821302062 |
|  | 4                    | 0.5                                 | 12                                  | Fig. 1 | 0821302057 |
|  | 4                    | 0.5                                 | 12                                  | Fig. 1 | 0821302063 |
|  | 2, 4                 | 0.5                                 | 12                                  | Fig. 2 | 0821302051 |
|  | 2, 4                 | 0.5                                 | 12                                  | Fig. 2 | 0821302061 |

Dimensions



| Part No.   | B±5 | C±5  | D±5 | E±7 | Ø F | G±5 | H±5  | I±2.5 | J±5  |
|------------|-----|------|-----|-----|-----|-----|------|-------|------|
| 0821302048 | 82  | 38,6 | —   | 186 | 27  | 45  | 97,5 | 8     | 42.5 |
| 0821302060 | —   | —    | 25  | 186 | 27  | 45  | 97,5 | 8     | 42.5 |
| 0821302054 | 82  | 38,5 | —   | 199 | 27  | 45  | 97,5 | 8     | 42.5 |
| 0821302062 | —   | —    | 25  | 199 | 27  | 45  | 97,5 | 8     | 42.5 |

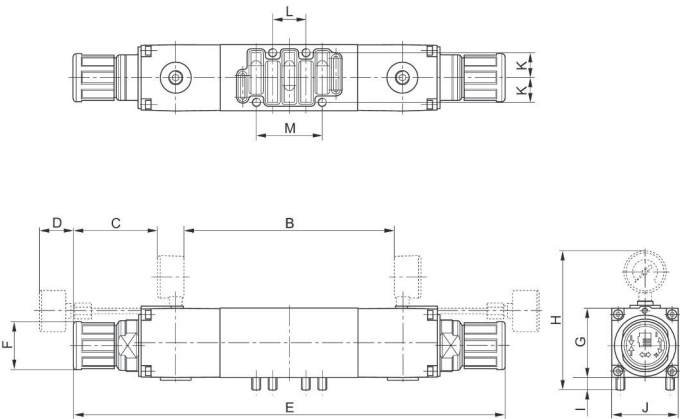
| Part No.   | K±2.5 | L±2.5 | M±5 |
|------------|-------|-------|-----|
| 0821302048 | 14    | 18    | 36  |
| 0821302060 | 14    | 18    | 36  |
| 0821302054 | 14    | 18    | 36  |
| 0821302062 | 14    | 18    | 36  |

| Part No.   | B±5 | C±5  | D±5 | E±7 | Ø F | G±5 | H±5  | I±2.5 | J±5  |
|------------|-----|------|-----|-----|-----|-----|------|-------|------|
| 0821302051 | 164 | 38,6 | —   | 292 | 27  | 45  | 96,5 | 8     | 42.5 |
| 0821302061 | —   | —    | 25  | 292 | 27  | 45  | —    | 8     | 42.5 |

| Part No.   | K±2.5 | L±2.5 | M±5 |
|------------|-------|-------|-----|
| 0821302051 | 14    | 18    | 36  |
| 0821302061 | 14    | 18    | 36  |

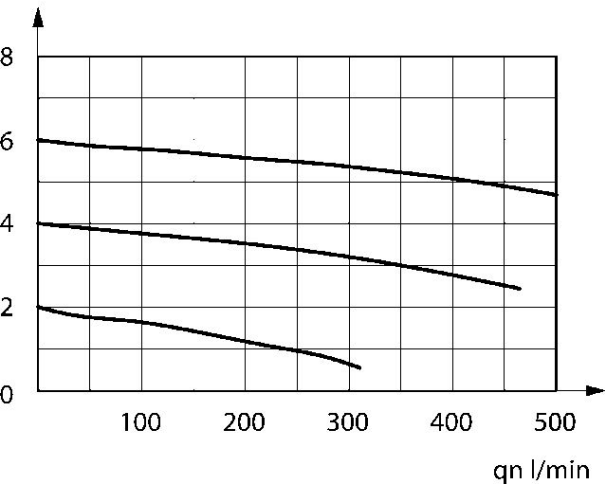
0821302051, 0821302061

Dimensions



Flow rate characteristic,  $p_2 = 0,05 - 7 \text{ bar}$

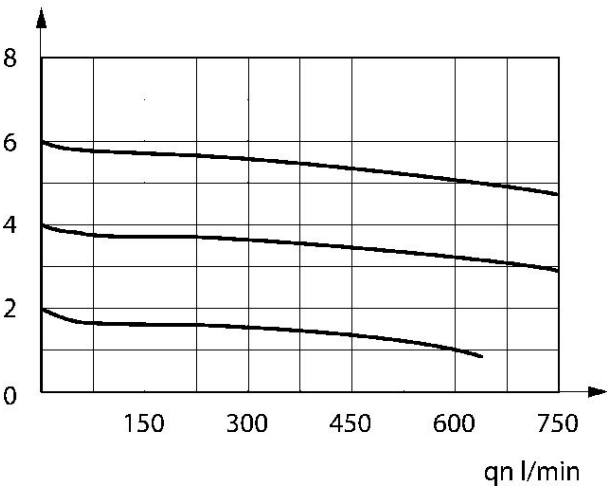
$p_2 \text{ [bar]}$



controlled connection 1  
Controlled connection 2  
Controlled connection 4

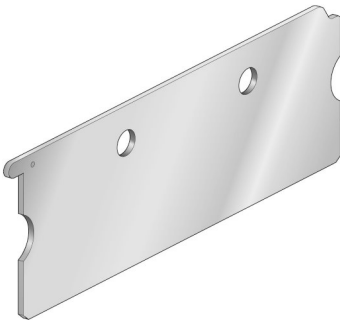
$p_2 \text{ [bar]}$

$p_1 = 8 \text{ bar}$



Controlled connection 2/4

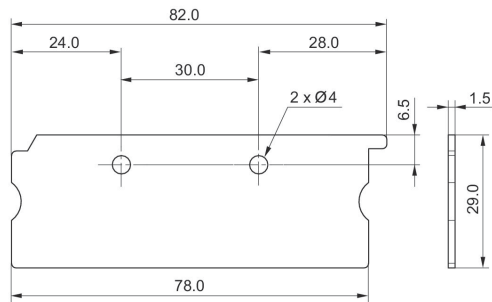
Transition plate, Blanking plate



| Type           | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No. |
|----------------|------------|-------------------------------|-------------------------------|----------|
| Blanking plate | ISO 1      | -10                           | 60                            | 88135501 |

88135501

Dimensions

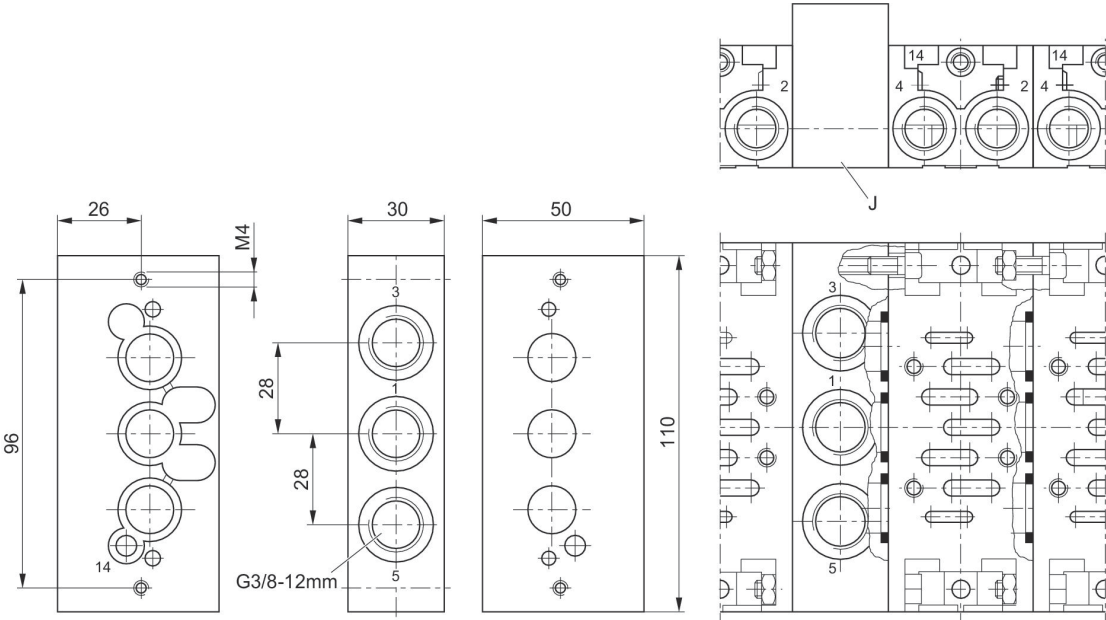


Supply plate



| Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|---------------------------------|------------------------------------|------------|
| G 3/8                           | G 3/8                              | 1825503314 |

Dimensions



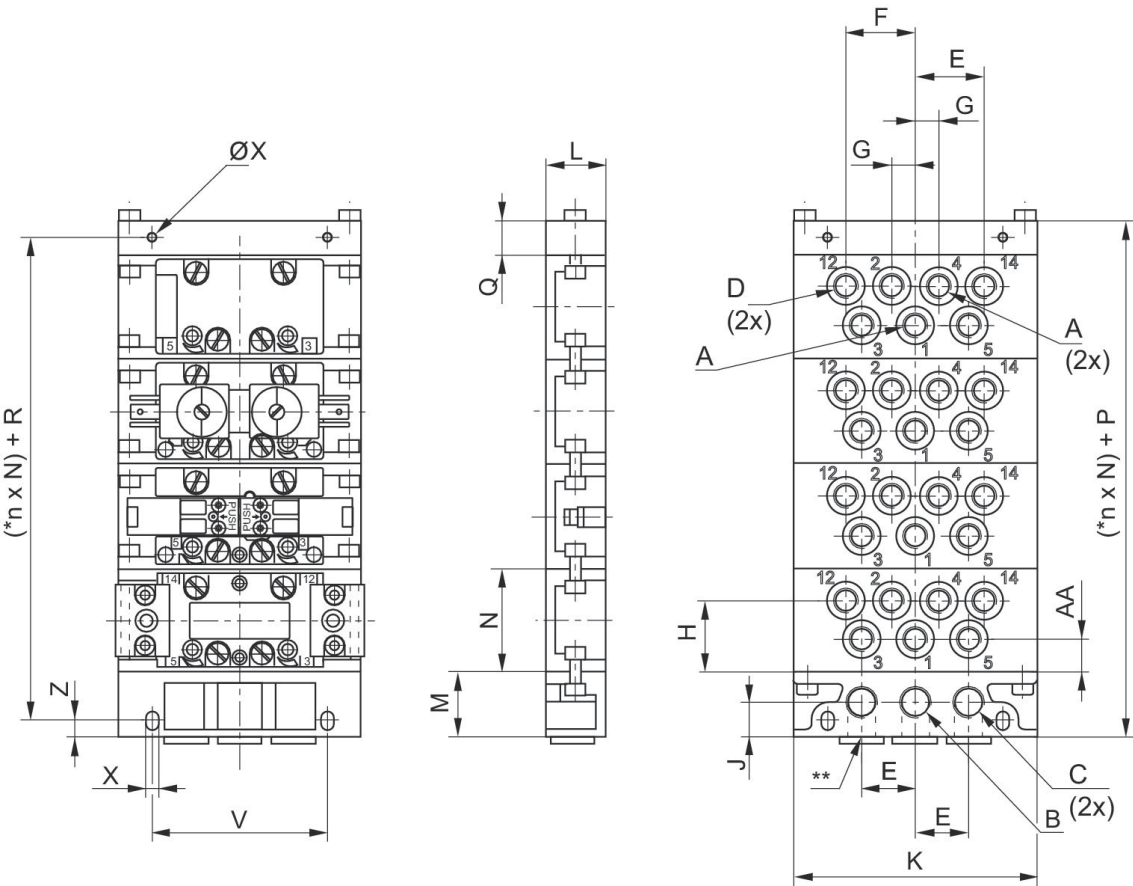
Intermediate plate for separate air supply, ports 2 and 4 on bottom



| Type                                       | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection output | Compressed air connection, exhaust | Compressed air connection pilot air | Part No.   |
|--------------------------------------------|------------|-------------------------------|-------------------------------|---------------------------------|----------------------------------|------------------------------------|-------------------------------------|------------|
| Intermediate plate for separate air supply | ISO 1      | -20                           | 70                            | G 1/8                           | G 1/8                            | G 1/8                              | G 1/8                               | 5801670000 |
| Intermediate plate for separate air supply | ISO 1      | -20                           | 70                            | G 1/4                           | G 1/4                            | G 1/4                              | G 1/8                               | 5801680000 |

| Max. number of valve positions | Part No.   |
|--------------------------------|------------|
| 1                              | 5801670000 |
| 1                              | 5801680000 |

Dimensions



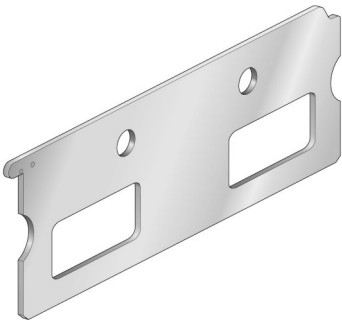
\* n = Number of subbases. \*\* Alternative port openings, closed with plugs

| Part No.   | ISO   | A     | B     | C     | D     | E  | F    | G    | H    |
|------------|-------|-------|-------|-------|-------|----|------|------|------|
| 5801670000 | ISO 1 | G 1/8 | G 1/4 | G 1/4 | G 1/8 | 22 | 28.5 | 9.5  | 29.5 |
| 5801680000 | ISO 1 | G 1/4 | G 3/8 | G 3/8 | G 1/8 | 27 | 40   | 12.5 | 26.5 |
| 5802670000 | ISO 2 | G 1/4 | G 3/8 | G 3/8 | G 1/8 | 27 | 39   | 13.5 | 38   |
| 5802680000 | ISO 2 | G 3/8 | G 1/2 | G 1/2 | G 1/8 | 36 | 52   | 17   | 33   |

| Part No.   | J    | K   | L  | M  | N  | P  | Q  | R    | V   |
|------------|------|-----|----|----|----|----|----|------|-----|
| 5801670000 | 14.5 | 100 | 25 | 27 | 43 | 41 | 14 | 27.5 | 72  |
| 5801680000 | 20   | 122 | 30 | 34 | 43 | 49 | 15 | 34   | 94  |
| 5802670000 | 20   | 122 | 28 | 34 | 56 | 49 | 15 | 34   | 94  |
| 5802680000 | 22   | 156 | 37 | 39 | 56 | 59 | 20 | 40   | 118 |

| Part No.   | X   | Z  | AA |
|------------|-----|----|----|
| 5801670000 | 5.4 | 7  | 8  |
| 5801680000 | 6.4 | 8  | 10 |
| 5802670000 | 6.4 | 8  | 18 |
| 5802680000 | 8.4 | 10 | 33 |

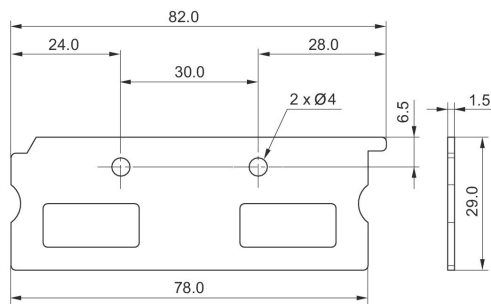
Transition plate, Port 3, 5 open



| Type           | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No. |
|----------------|------------|-------------------------------|-------------------------------|----------|
| Port 3, 5 open | ISO 1      | -10                           | 60                            | 88135510 |

88135510

Dimensions

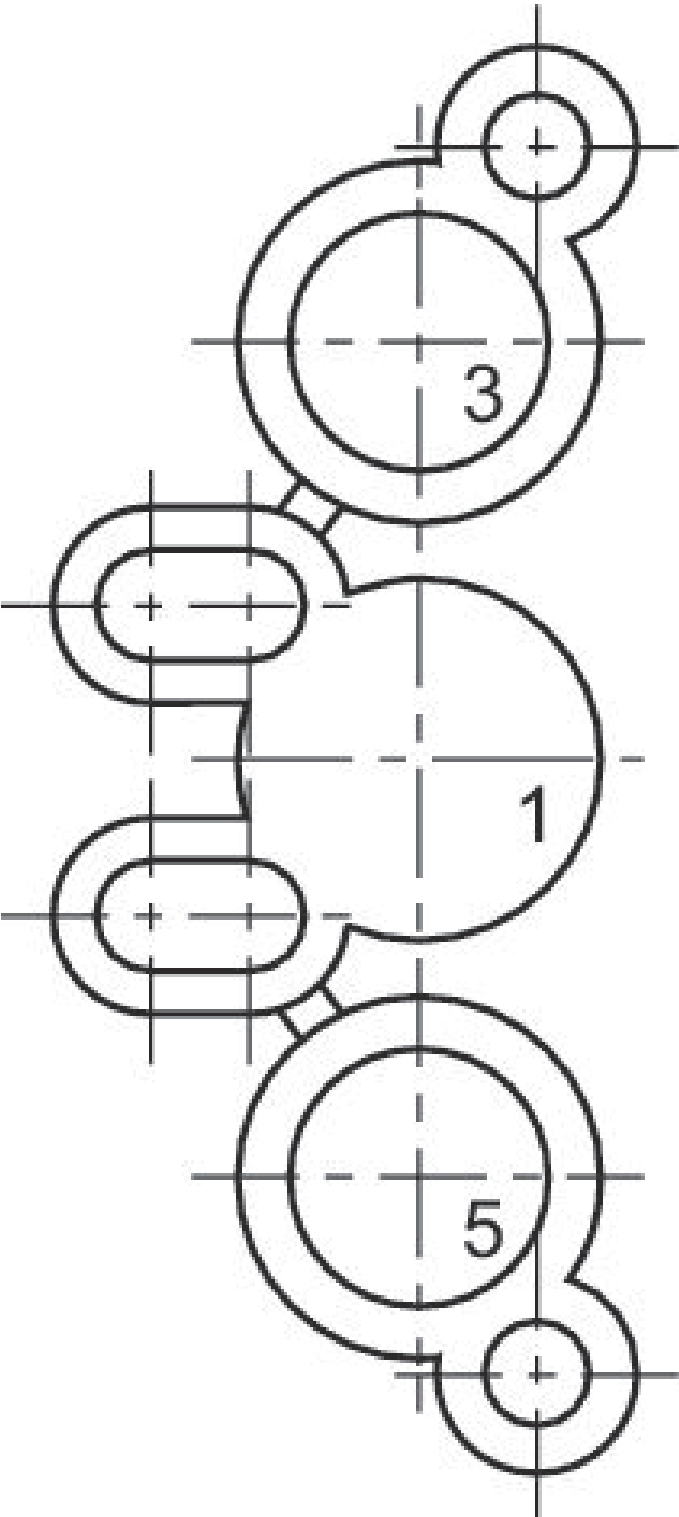


Seal for supply plate, separate channel 1, connect channels 5 and 3

Ambient temperature min./max.: -20 °C ... 70 °C



| Type                                                                     | Delivery unit<br>[piece] | Weight<br>[kg] | Fig.   | Part No.   |
|--------------------------------------------------------------------------|--------------------------|----------------|--------|------------|
| Molded seal,<br>separate<br>channel<br>1, connect<br>channels 5<br>and 3 | 10                       | 0.004          | Fig. 1 | 1821015047 |

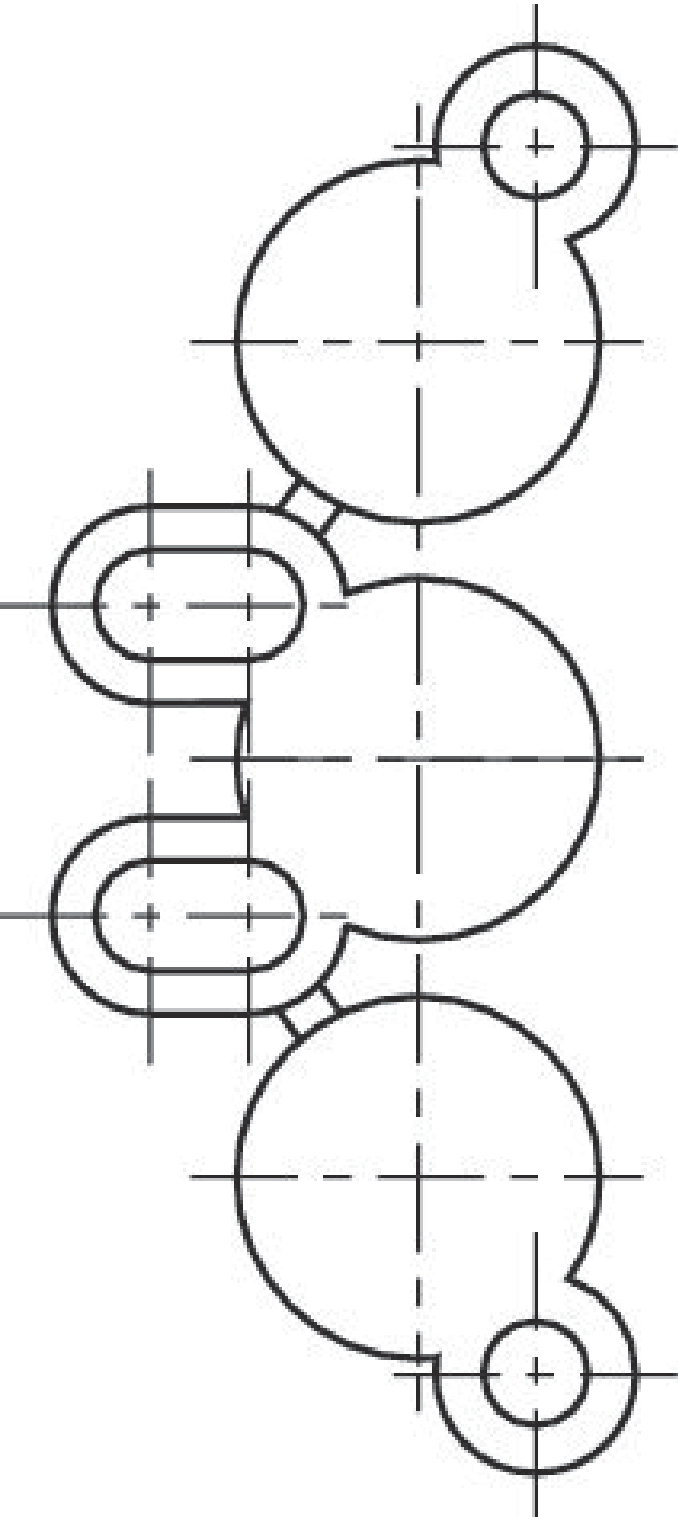


Seal for supply plate, separate channels 1, 3 and 5

Ambient temperature min./max.: -20 °C ... 70 °C



| Type                                               | Delivery unit<br>[piece] | Weight<br>[kg] | Fig.   | Part No.   |
|----------------------------------------------------|--------------------------|----------------|--------|------------|
| Molded seal,<br>separate<br>channels 1, 3<br>and 5 | 1                        | 0.01           | Fig. 2 | 1821015043 |

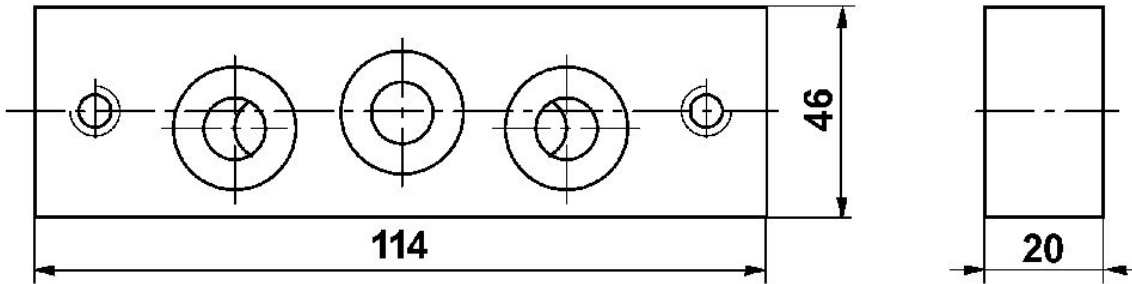


Transition plate, ISO 1, ISO 2



| Frame size   | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No.   |
|--------------|-------------------------------|-------------------------------|------------|
| ISO 1, ISO 2 | -20                           | 70                            | 5802520000 |

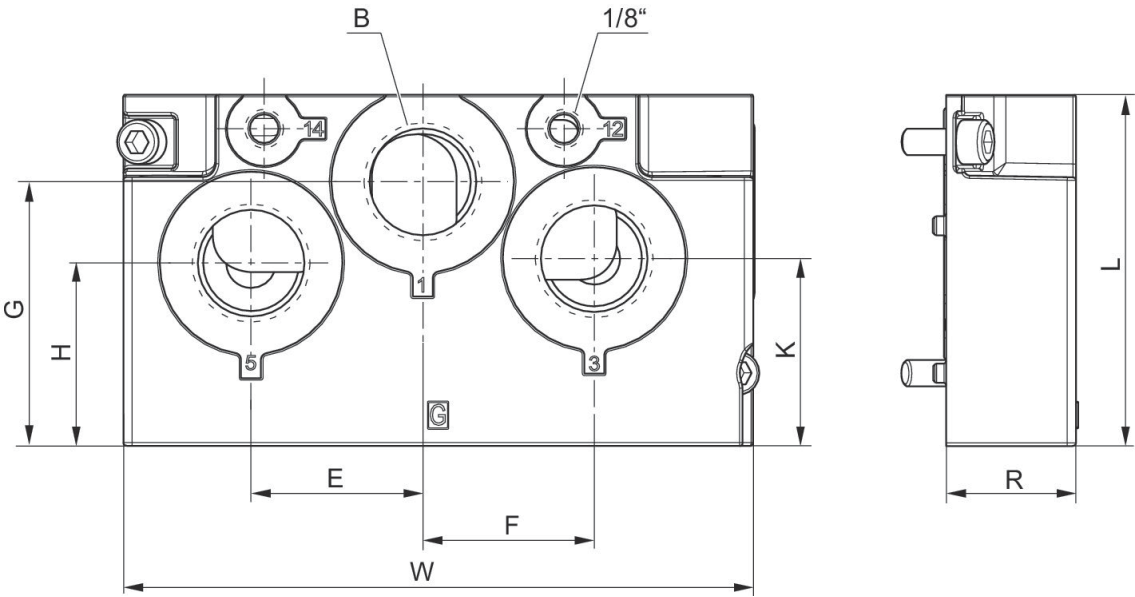
Dimensions



End plate left



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|------------|
| ISO 1      | -15                           | 70                            | G 3/8                           | G 3/8                              | R432037645 |
| ISO 2      | -15                           | 70                            | G 3/4                           | G 3/4                              | R432037647 |
| ISO 3      | -15                           | 70                            | G 1                             | G 1                                | R432037649 |



| Part No.   | B   | E  | F  | G    | H    | J  | K    | L    | R  |
|------------|-----|----|----|------|------|----|------|------|----|
| R432037645 | 3/8 | 23 | 18 | 15.5 | 30   | 20 | 37.5 | 60.6 | 25 |
| R432037647 | 3/4 | 39 | 39 | 60   | 41.5 | 38 | 42.5 | 79.7 | 32 |
| R432037649 | 1   | 49 | 49 | 76   | 53   | 32 | 53   | 100  | 37 |

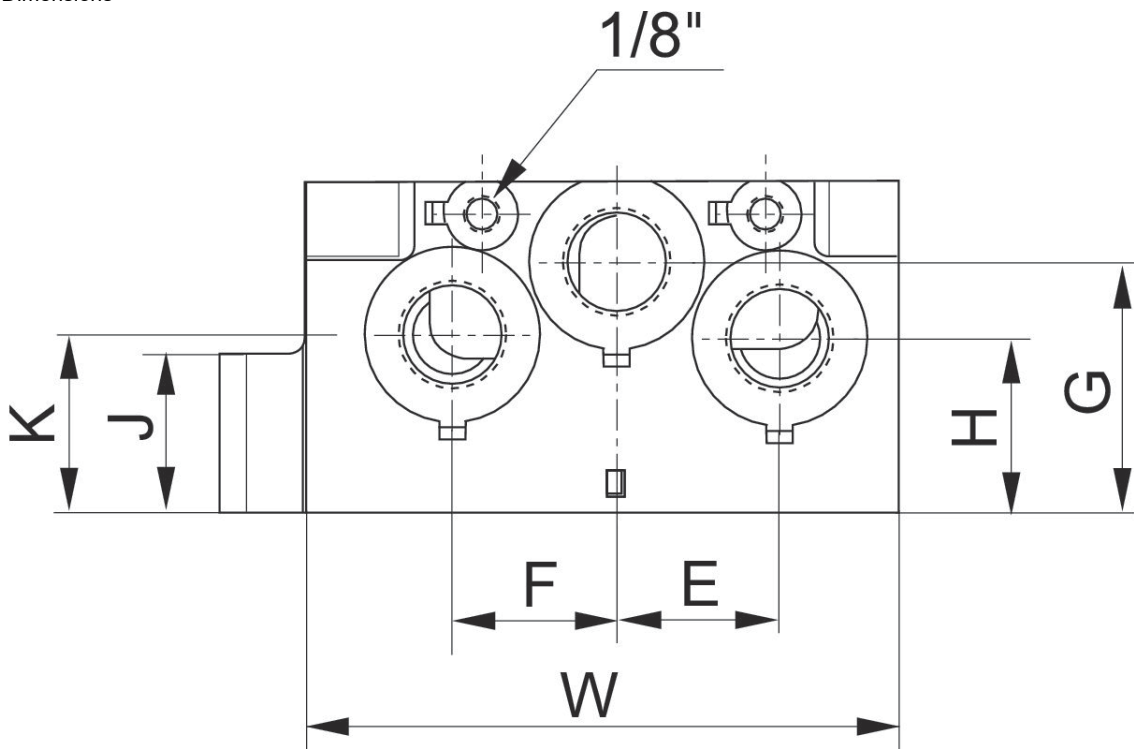
| W   |
|-----|
| 135 |
| 143 |
| 164 |

End plate left, Inch version



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|------------|
| ISO 1      | -15                           | 70                            | 3/8 NPT                         | 3/8 NPT                            | R432037646 |
| ISO 2      | -15                           | 70                            | 3/4 NPT                         | 3/4 NPT                            | R432037648 |
| ISO 3      | -15                           | 70                            | 1 NPT                           | 1 NPT                              | R432037650 |

Dimensions



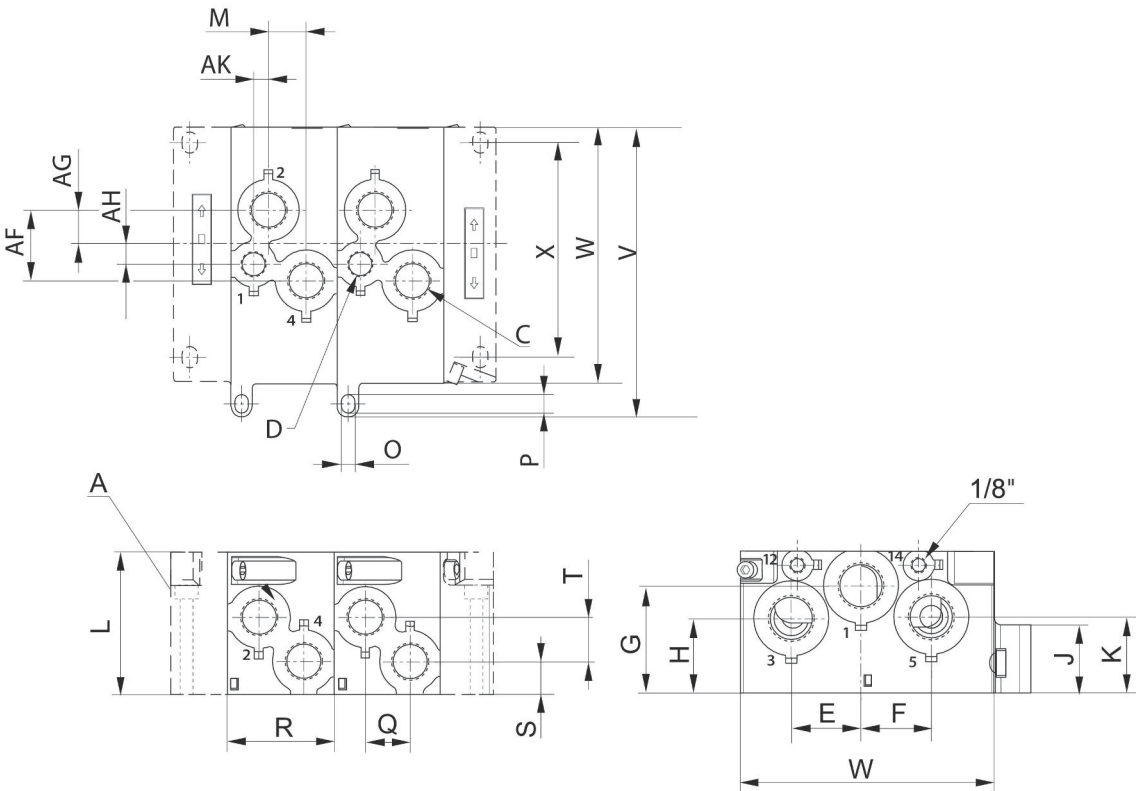
| Part No.   | E  | F  | G    | H    | J  | K    | W   |
|------------|----|----|------|------|----|------|-----|
| R432037646 | 23 | 18 | 15.5 | 30   | 20 | 37.5 | 135 |
| R432037648 | 39 | 39 | 60   | 41.5 | 38 | 42.5 | 143 |
| R432037650 | 49 | 49 | 76   | 53   | 32 | 53   | 164 |

Base plate



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection output | Part No.   |
|------------|-------------------------------|-------------------------------|----------------------------------|------------|
| ISO 1      | -20                           | 70                            | G 3/8                            | R432037639 |
| ISO 2      | -20                           | 70                            | G 1/2                            | R432037641 |
| ISO 3      | -20                           | 70                            | G 3/4                            | R432037643 |

Dimensions



A = left and right end plates in two versions

| Part No.   | A     | D     | C     | AF   | AG   | AH   | AK   | E  | F  |
|------------|-------|-------|-------|------|------|------|------|----|----|
| R432037639 | G 1/4 | -     | G 3/8 | 23.8 | 11.8 | -    | -    | 23 | 18 |
| R432037641 | G 1/2 | G 3/8 | G 1/2 | 39.5 | 19   | 11   | 8.2  | 39 | 39 |
| R432037643 | G 3/4 | G 1/2 | G 3/4 | 46.3 | 25.1 | 11.2 | 15.8 | 49 | 49 |

| G    | H    | J  | K    | L    | M    | O   | P   | R    | Q  |
|------|------|----|------|------|------|-----|-----|------|----|
| 15,5 | 30   | 20 | 37,5 | 60.6 | 12   | 5.5 | 8.5 | 45   | 18 |
| 60   | 41,5 | 38 | 42,5 | 79.7 | 21   | 5.5 | 9.3 | 59.5 | 25 |
| 76   | 53   | 32 | 53   | 100  | 22.5 | 6.3 | 9.3 | 80   | 38 |

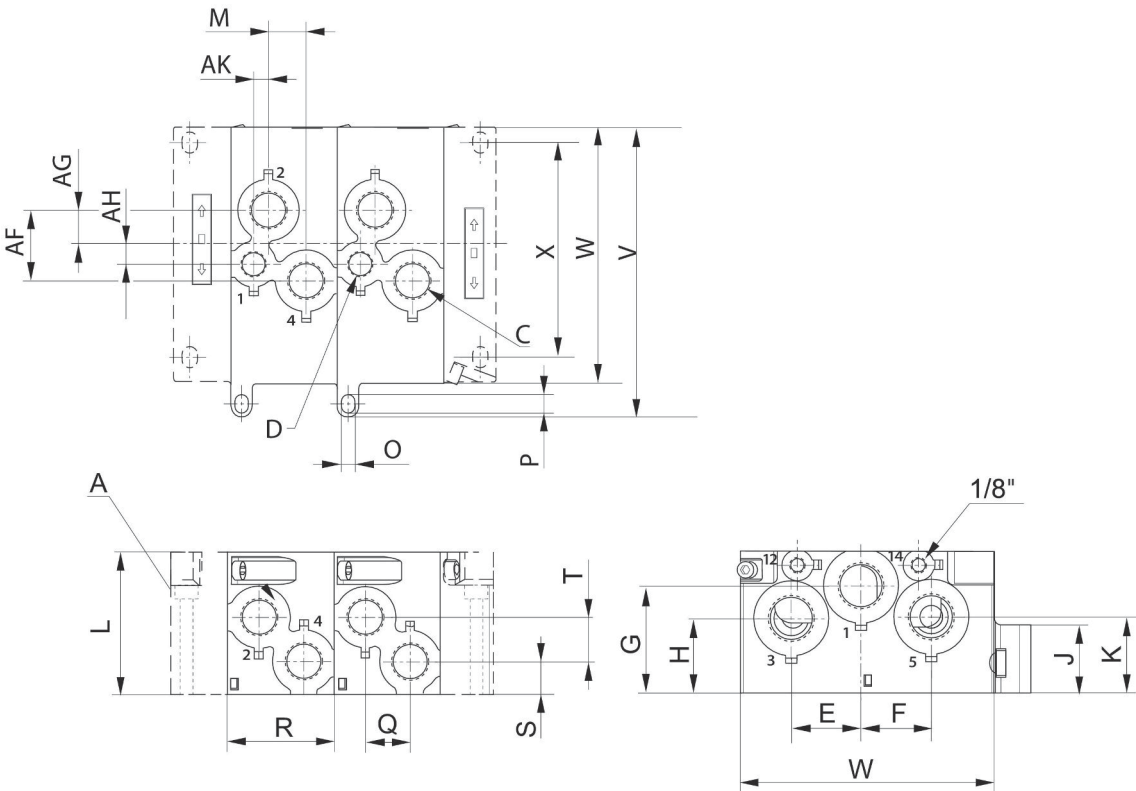
| S    | T    | X     | W   | V     |
|------|------|-------|-----|-------|
| 13.3 | 14.7 | 102,5 | 135 | 150   |
| 18   | 24.8 | 119,6 | 143 | 162,5 |
| 24.5 | 20.5 | 99    | 164 | 183   |

ISO 5599-1, Base and end plates, Inch version



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection output | Part No.   |
|------------|-------------------------------|-------------------------------|----------------------------------|------------|
| ISO 1      | -20                           | 70                            | 3/8 NPT                          | R432037640 |
| ISO 2      | -20                           | 70                            | 1/2 NPT                          | R432037642 |
| ISO 3      | -20                           | 70                            | 3/4 NPT                          | R432037644 |

Dimensions

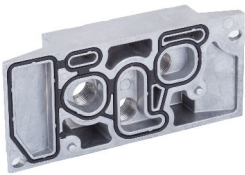


A = left and right end plates in two versions

| Part No.   | A       | D       | C       | F    | G    | H    | K    | L    | M    |
|------------|---------|---------|---------|------|------|------|------|------|------|
| R432037640 | 1/4 NPT | -       | 3/8 NPT | 23.8 | 11.8 | -    | -    | 60.6 | 12   |
| R432037642 | 1/2 NPT | 3/8 NPT | 1/2 NPT | 39.5 | 19   | 11   | 8.2  | 79.7 | 21   |
| R432037644 | 3/4 NPT | 1/2 NPT | 3/4 NPT | 46.3 | 25.1 | 11.2 | 15.8 | 100  | 22.5 |

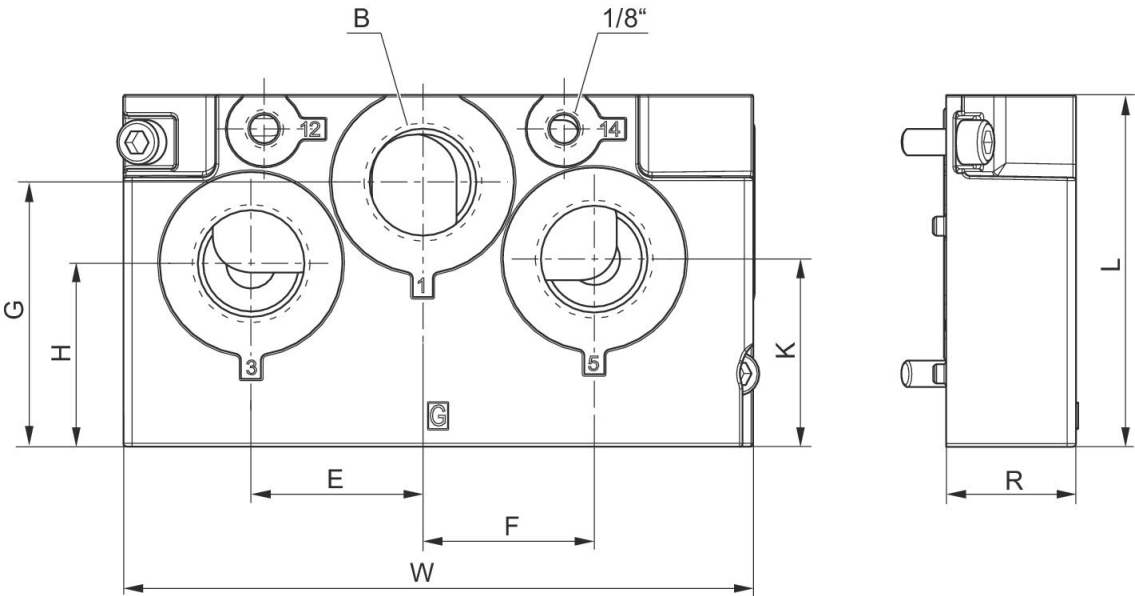
| Part No.   | O   | P   | R    | Q  | S    | T    |
|------------|-----|-----|------|----|------|------|
| R432037640 | 5.5 | 8.5 | 45   | 18 | 13.3 | 14.7 |
| R432037642 | 5.5 | 9.3 | 59.5 | 25 | 18   | 24.8 |
| R432037644 | 6.3 | 9.3 | 80   | 38 | 24.5 | 20.5 |

End plate right



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|------------|
| ISO 1      | -15                           | 70                            | G 3/8                           | G 3/8                              | R432037651 |
| ISO 2      | -15                           | 70                            | G 3/4                           | G 3/4                              | R432037653 |
| ISO 3      | -15                           | 70                            | G 1                             | G 1                                | R432037655 |

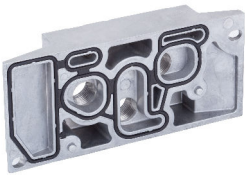
Dimensions



| Part No.   | B   | E  | F  | G    | H    | J  | K    | R    | L    |
|------------|-----|----|----|------|------|----|------|------|------|
| R432037651 | 3/8 | 23 | 18 | 15.5 | 30   | 20 | 37.5 | 25   | 60.6 |
| R432037653 | 3/4 | 39 | 39 | 60   | 41.5 | 38 | 42.5 | 29.5 | 79.7 |
| R432037655 | 1   | 49 | 49 | 76   | 53   | 32 | 53   | 36   | 100  |

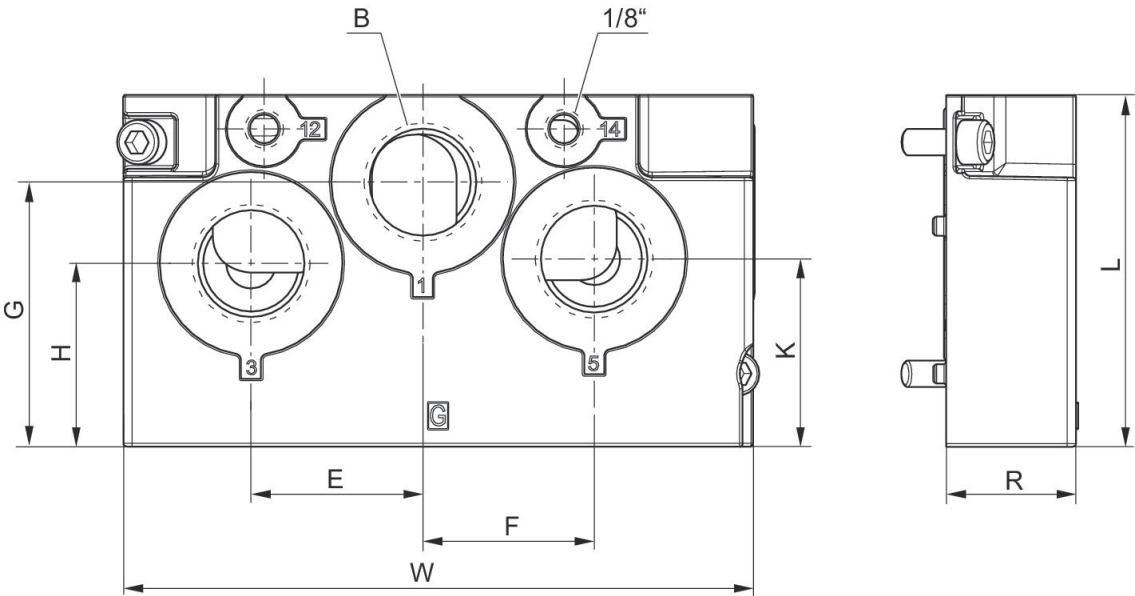
| W   |
|-----|
| 135 |
| 143 |
| 164 |

End plate right, Inch version



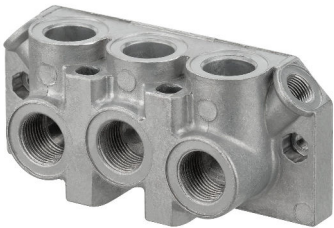
| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|------------|
| ISO 1      | -15                           | 70                            | 3/8 NPT                         | 3/8 NPT                            | R432037652 |
| ISO 2      | -15                           | 70                            | 3/4 NPT                         | 3/4 NPT                            | R432037654 |
| ISO 3      | -15                           | 70                            | 1 NPT                           | 1 NPT                              | R432037656 |

Dimensions



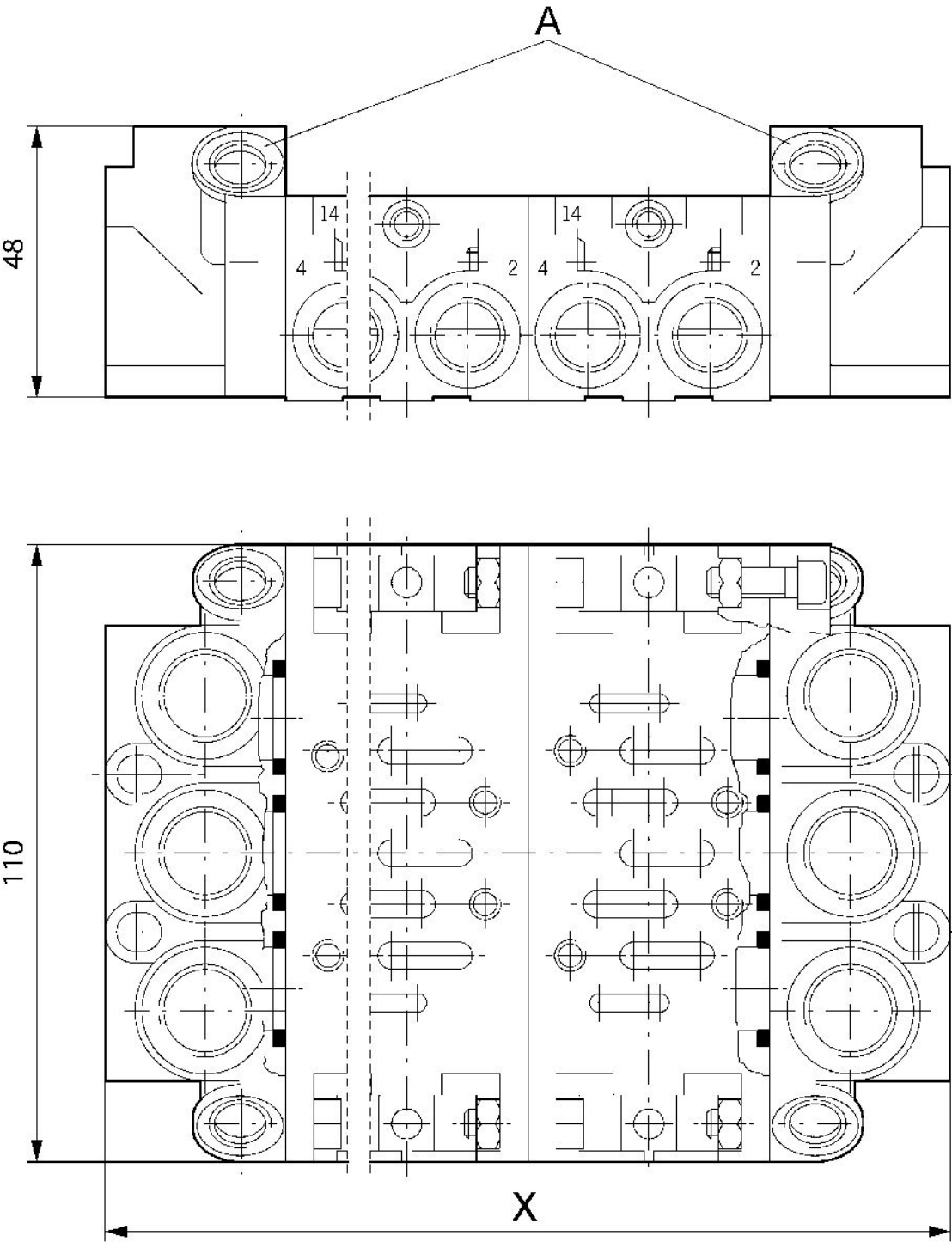
| Part No.   | E  | F  | G    | H    | J  | K    | W   |
|------------|----|----|------|------|----|------|-----|
| R432037652 | 23 | 18 | 15.5 | 30   | 20 | 37.5 | 135 |
| R432037654 | 39 | 39 | 60   | 41.5 | 38 | 42.5 | 143 |
| R432037656 | 49 | 49 | 76   | 53   | 32 | 53   | 53  |

End plate left, End plate right



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Compressed air connection pilot air | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|-------------------------------------|------------|
| ISO 1      | -15                           | 70                            | G 3/8                           | G 3/8                              | G 1/8                               | 1825503294 |
| ISO 1      | -15                           | 70                            | G 3/8                           | G 3/8                              | G 1/8                               | 1825503297 |

Dimensions



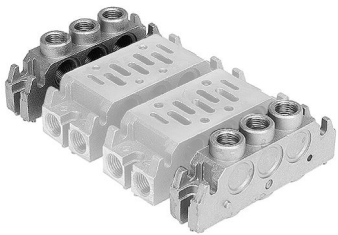
A = left and right end plates in two versions

| n           | 2   | 3   | 4   | ... | n       |
|-------------|-----|-----|-----|-----|---------|
| X           | 150 | 193 | 236 | ... | n*43+64 |
| tablefooter |     |     |     |     |         |

n = number of valve positions

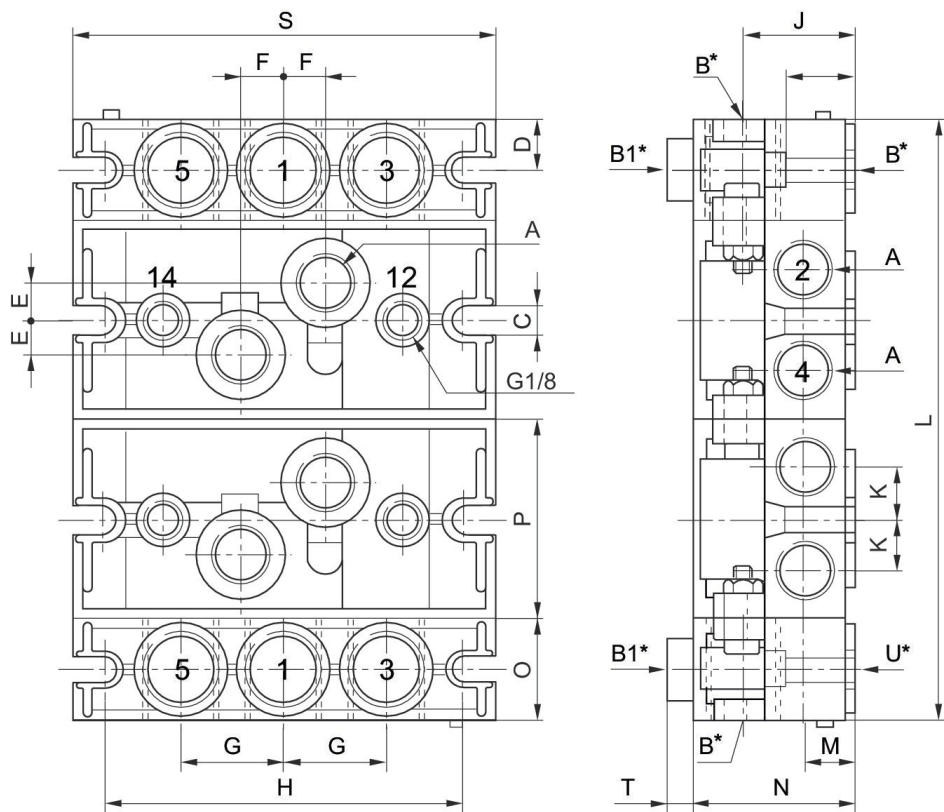


End plate left, End plate right



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|------------|
| ISO 1      | -20                           | 70                            | G 3/8                           | G 3/8                              | 5801510000 |

Dimensions



| Part No.   |       | A         | B*        | B1*       | C   | D    | E   | F  | G  |
|------------|-------|-----------|-----------|-----------|-----|------|-----|----|----|
| 5801510000 | ISO 1 | 2 x G 1/4 | 3 x G 3/8 | 3 x G 1/4 | 5.5 | 11   | 5.5 | 9  | 22 |
| 5802510000 | ISO 2 | 2 x G 3/8 | 3 x G 1/2 | 3 x G 1/4 | 6.5 | 14.5 | 10  | 12 | 29 |

| Part No.   | H   | J  | K  | L           | M  | N  | O  | P    | R  |
|------------|-----|----|----|-------------|----|----|----|------|----|
| 5801510000 | 92  | 24 | 12 | n x 43 + 44 | 12 | 36 | 22 | 45.7 | 17 |
| 5802510000 | 102 | 32 | 15 | n x 56 + 58 | 15 | 43 | 29 | 56   | 20 |

| Part No.   | S   | T | U*        |
|------------|-----|---|-----------|
| 5801510000 | 106 | 8 | 3 x G 3/8 |
| 5802510000 | 120 | 7 | 3 x G 1/2 |

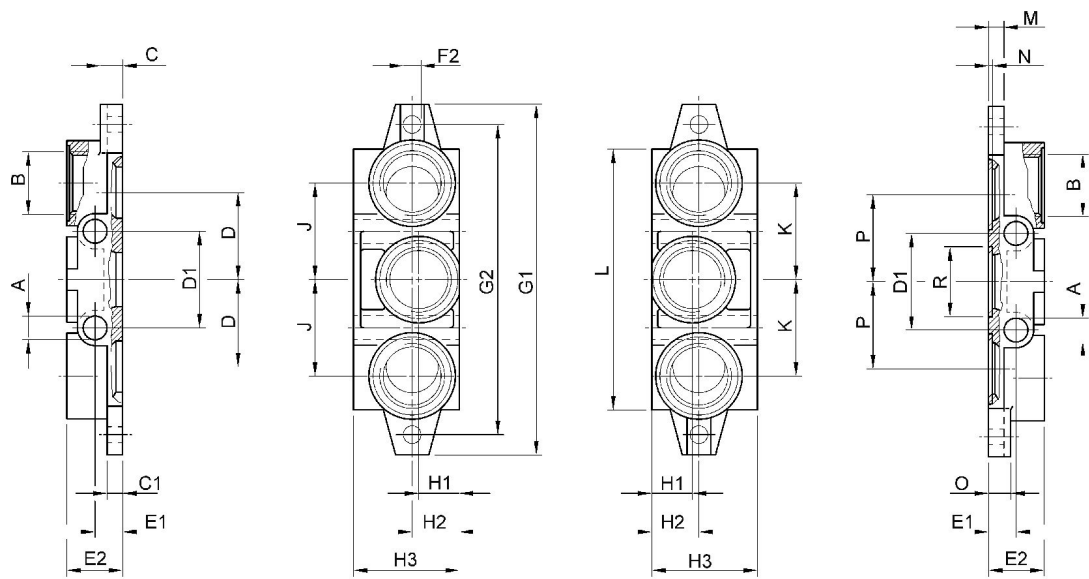
n = number of subbases  
\*Dimensions B, B1, and U are prepared with threaded connections but must be drilled through as required for the desired porting configuration.

End plate left, End plate right



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|------------|
| ISO 1      | -15                           | 70                            | G 3/8                           | G 3/8                              | 1825503145 |

Dimensions

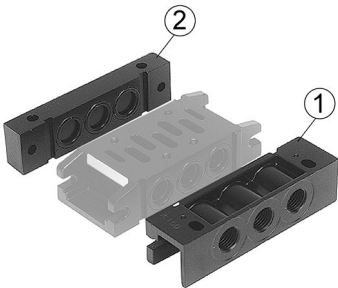


| Part No.   | A  | B     | C  | C1 | D    | D1 | E1 | E2 | F2    |
|------------|----|-------|----|----|------|----|----|----|-------|
| 1825503145 | 7  | G 3/8 | 8  | 6  | 24   | 28 | 11 | 22 | Ø 5,5 |
| 1825503148 | 9  | G 1/2 | 11 | 8  | 31,5 | 35 | 13 | 26 | Ø 6,6 |
| 1825503151 | 12 | G 1   | 12 | 8  | 47   | 52 | 15 | 32 | Ø 9   |
| 8985041442 | 12 | G 1   | 19 | 12 | 54   | 56 | 15 | 30 | Ø 11  |

| G1  | G2  | H1 | H2 | H3 | J  | K  | L   | M  | N   |
|-----|-----|----|----|----|----|----|-----|----|-----|
| 110 | 95  | 22 | 22 | 46 | 28 | 28 | 85  | 6  | 2   |
| 135 | 115 | 23 | 24 | 47 | 34 | 34 | 100 | 8  | 2   |
| 190 | 168 | 22 | 25 | 56 | 52 | 52 | 140 | 8  | 2,7 |
| 215 | 148 | 30 | 30 | 58 | 54 | 54 |     | 12 | 2,7 |

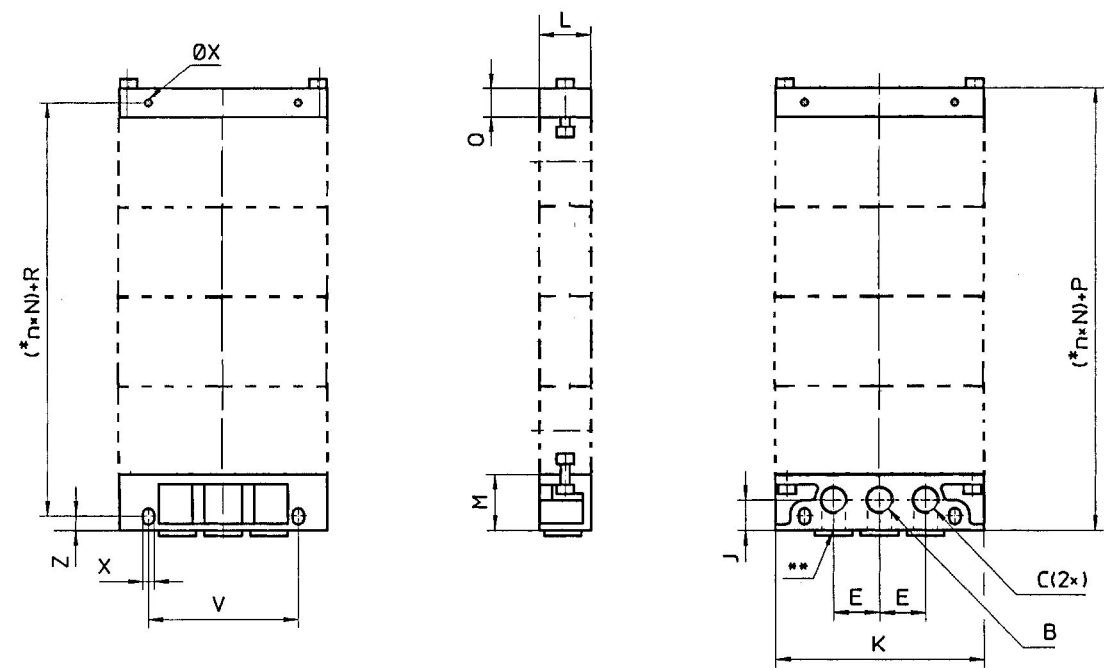
| O  | P    | R      |
|----|------|--------|
| 8  | 24   | Ø 22,1 |
| 11 | 31,5 | Ø 28,7 |
| 12 | 47   | Ø 38   |
| 19 | 54   | Ø 44,1 |

End plate left, End plate right



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|------------|
| ISO 1      | -20                           | 70                            | G 1/4                           | G 1/4                              | 5801850000 |
| ISO 1      | -20                           | 70                            |                                 |                                    | 5801860000 |

Dimensions



\* n = Number of subbases. \*\* Alternative port openings, closed with plugs

| Part No.   |               | B     | C     | E  | J    | K   | L  | M  | P  |
|------------|---------------|-------|-------|----|------|-----|----|----|----|
| 5801850000 | ISO 1         | G 1/4 | G 1/4 | 22 | 14.5 | 100 | 25 | 27 | 41 |
| 5801860000 | ISO 1         | -     | -     | -  | -    | 100 | 25 | -  | 41 |
| 5802850000 | ISO 1 , ISO 2 | G 3/8 | G 3/8 | 27 | 20   | 122 | 30 | 34 | 49 |
| 5802860000 | ISO 1 , ISO 2 | -     | -     | -  | -    | 122 | 29 | -  | 49 |
| 5803850000 | ISO 2 , ISO 3 | G 1/2 | G 1/2 | 36 | 22   | 156 | 37 | 39 | 59 |
| 5803860000 | ISO 2 , ISO 3 | -     | -     | -  | -    | 156 | 37 | -  | 59 |
| 5804850000 | ISO 3 , ISO 4 | G 3/4 | G 3/4 | 44 | 24   | 190 | 42 | 44 | 64 |
| 5804860000 | ISO 3 , ISO 4 | -     | -     | -  | -    | 190 | 42 | -  | 64 |

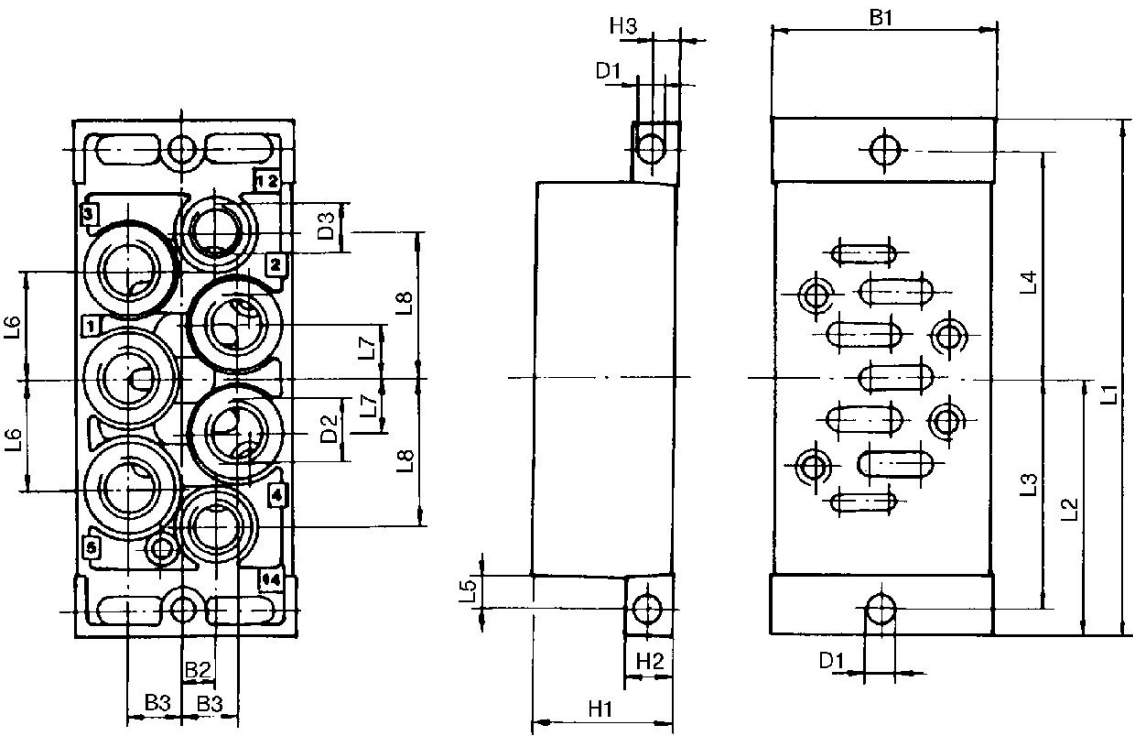
| Q  | R    | V   | X   | Z  | Weight |
|----|------|-----|-----|----|--------|
| -  | 27.5 | 72  | 5.4 | 7  |        |
| 14 | 27.5 | 72  | 5.4 | -  |        |
| -  | 34   | 94  | 6.4 | 8  |        |
| 15 | 34   | 94  | 6.4 | -  |        |
| -  | 40   | 118 | 8.4 | 10 |        |
| 20 | 40   | 118 | 8.4 | -  |        |
| -  | 45   | 146 | 8.4 | 10 |        |
| 20 | 45   | 146 | 8.4 | -  |        |

Single subbase, thread connections on the bottom



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection output | Compressed air connection, exhaust | Compressed air connection pilot air | Max. number of valve positions | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|----------------------------------|------------------------------------|-------------------------------------|--------------------------------|------------|
| ISO 1      | -25                           | 70                            | G 1/4                           | G 1/4                            | G 1/4                              | G 1/8                               | 1                              | 1825503201 |
| ISO 2      | -25                           | 70                            | G 3/8                           | G 3/8                            | G 3/8                              | G 1/8                               | 1                              | 1825503202 |
| ISO 3      | -25                           | 70                            | G 1/2                           | G 1/2                            | G 1/2                              | G 1/8                               | 1                              | 1825503203 |

Dimensions



| Part No.   |       | B1 | B2 | B3   | D1  | D2 *) | D3 *) | H1 | H2 |
|------------|-------|----|----|------|-----|-------|-------|----|----|
| 1825503201 | ISO 1 | 46 | 7  | 11.5 | 5.5 | G 1/4 | G 1/8 | 30 | 10 |
| 1825503202 | ISO 2 | 56 | 8  | 13.5 | 6.6 | G 3/8 | G 1/8 | 35 | 13 |
| 1825503203 | ISO 3 | 77 | 10 | 17   | 6.6 | G 1/2 | G 1/8 | 32 | 18 |

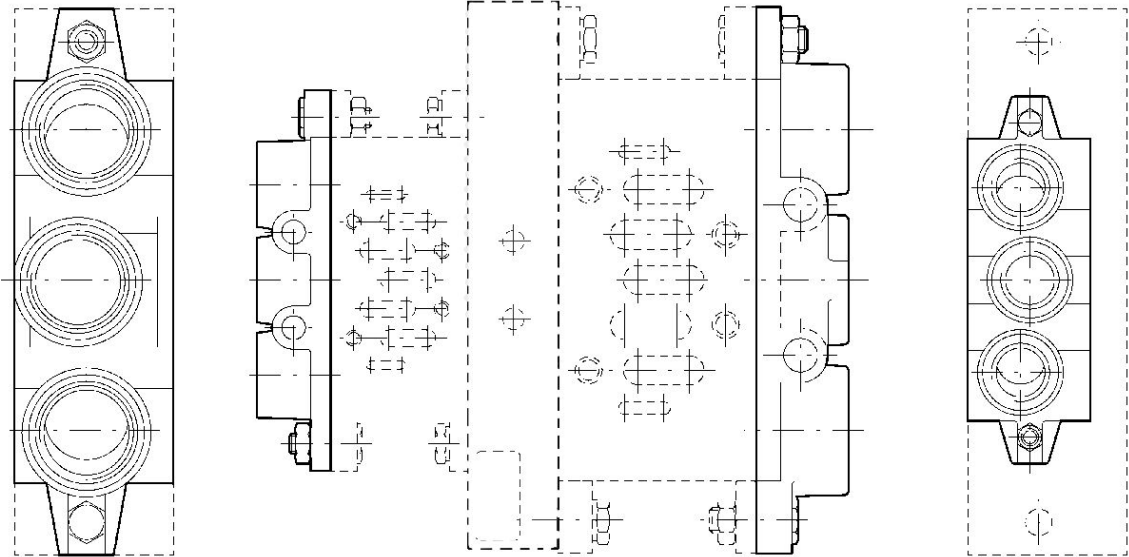
| Part No.   | H3  | L1  | L2   | L3 | L4 | L5  | L6 | L7   | L8   |
|------------|-----|-----|------|----|----|-----|----|------|------|
| 1825503201 | 5   | 110 | 55   | 49 | 49 | 7   | 23 | 11,5 | 31   |
| 1825503202 | 6,5 | 124 | 62   | 56 | 56 | 8,5 | 28 | 14   | 36,5 |
| 1825503203 | 9   | 149 | 74.5 | 68 | 68 | 8.5 | 34 | 17   | 45   |

\*) Ports

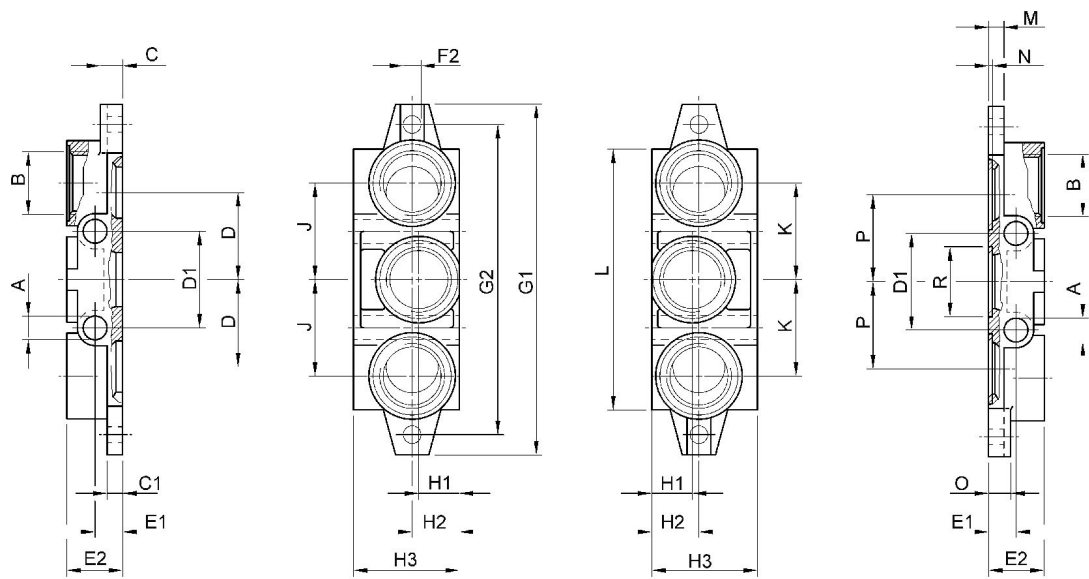
End plates for adapter plate



| Frame size   | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No.   |
|--------------|-------------------------------|-------------------------------|------------|
| ISO 1, ISO 2 | -15                           | 70                            | 1825503244 |



Dimensions



|       | A  | B     | C  | C1 | D    | D1 | E1 | E2 | F2    |
|-------|----|-------|----|----|------|----|----|----|-------|
| ISO 1 | 7  | G 3/8 | 8  | 6  | 24   | 28 | 11 | 22 | Ø 5,5 |
| ISO 2 | 9  | G 1/2 | 11 | 8  | 31,5 | 35 | 13 | 26 | Ø 6,6 |
| ISO 3 | 12 | G 1   | 12 | 8  | 47   | 52 | 15 | 32 | Ø 9   |

| G1  | G2  | H1 | H2 | H3 | J  | K  | L   | M | N   |
|-----|-----|----|----|----|----|----|-----|---|-----|
| 110 | 95  | 22 | 22 | 46 | 28 | 28 | 85  | 6 | 2   |
| 135 | 115 | 23 | 24 | 47 | 34 | 34 | 100 | 8 | 2   |
| 190 | 168 | 22 | 25 | 56 | 52 | 52 | 140 | 8 | 2,7 |

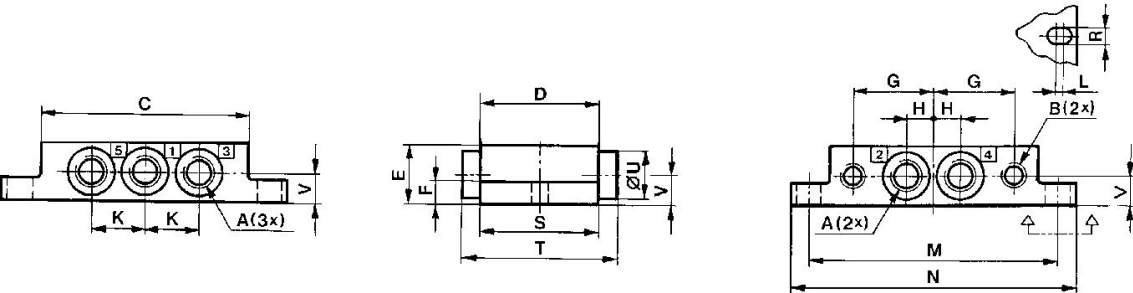
| O  | P    | R      |
|----|------|--------|
| 8  | 24   | Ø 22,1 |
| 11 | 31,5 | Ø 28,7 |
| 12 | 47   | Ø 38   |

Single subbase, ports on side



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection output | Compressed air connection, exhaust | Compressed air connection pilot air | Max. number of valve positions | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|----------------------------------|------------------------------------|-------------------------------------|--------------------------------|------------|
| ISO 1      | -20                           | 70                            | G 1/8                           | G 1/8                            | G 1/8                              | G 1/8                               | 1                              | 5801710000 |
| ISO 1      | -20                           | 70                            | G 1/4                           | G 1/4                            | G 1/4                              | G 1/8                               | 1                              | 5801740000 |

Dimensions

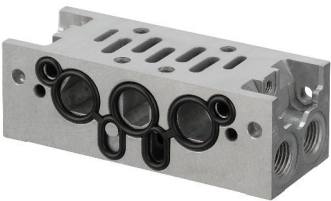


| Part No.   | A *)  | B *)  | C   | D  | E  | F  | G    | H    | K  |
|------------|-------|-------|-----|----|----|----|------|------|----|
| 5801710000 | G 1/8 | G 1/8 | 70  | 40 | 20 | 8  | 26.5 | 9    | 18 |
| 5801740000 | G 1/4 | G 1/8 | 70  | 40 | 23 | 11 | 31.5 | 11.5 | 23 |
| 5802710000 | G 1/4 | G 1/8 | 86  | 52 | 23 | 8  | 34   | 12   | 24 |
| 5802740000 | G 3/8 | G 1/8 | 86  | 50 | 30 | 13 | 39   | 15   | 30 |
| 5803710000 | G 3/8 | G 1/8 | 118 | 65 | 32 | 10 | 45   | 16   | 32 |
| 5804710000 | G 1/2 | G 1/8 | 142 | 76 | 37 | 10 | 55.5 | 20   | 40 |

| L | M   | N   | R   | S  | T  | U  | V    |
|---|-----|-----|-----|----|----|----|------|
| 2 | 84  | 96  | 5.4 | 40 | –  | –  | 10   |
| 2 | 96  | 110 | 5.4 | 46 | 64 | 21 | 12   |
| 2 | 102 | 115 | 6.4 | 52 | –  | –  | 11.5 |
| 2 | 111 | 124 | 6.4 | 56 | 80 | 27 | 16   |
| 2 | 138 | 153 | 8.4 | 65 | –  | –  | 17.5 |
| 2 | 175 | 190 | 8.4 | 76 | –  | –  | 21   |

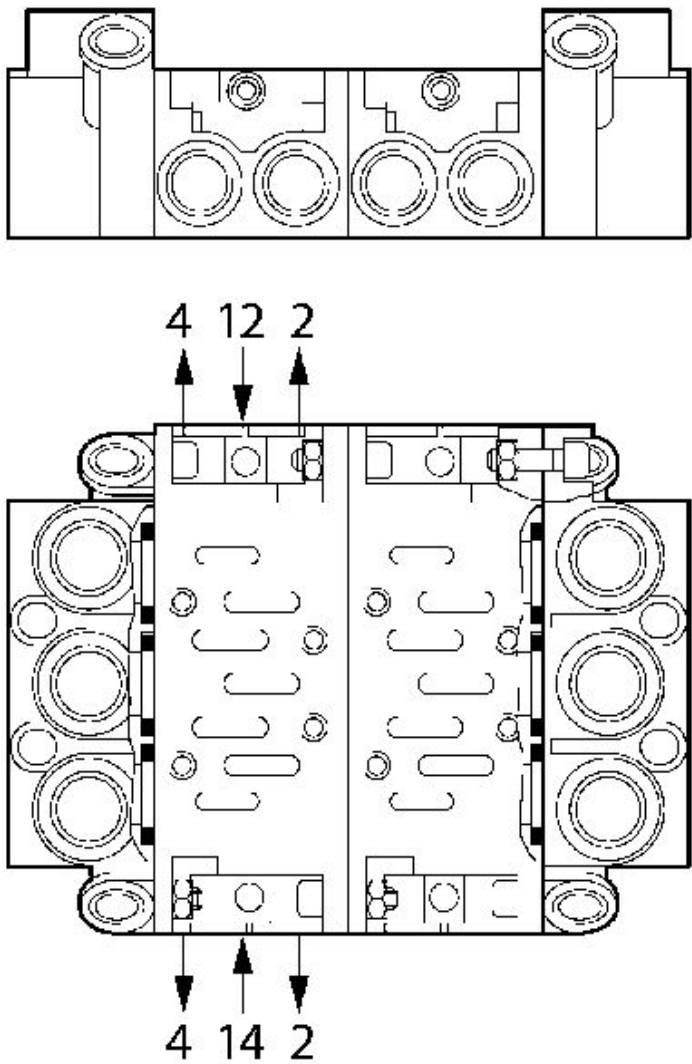
\*) Ports

Base plate, Ports 2 and 4 on side, 1,2 and 4 also on bottom



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection output | Compressed air connection, exhaust | Compressed air connection pilot air | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|----------------------------------|------------------------------------|-------------------------------------|------------|
| ISO 1      | -15                           | 70                            |                                 | G 1/4                            |                                    | M5                                  | 1825503286 |
| ISO 1      | -15                           | 70                            |                                 | G 1/4                            |                                    | M5                                  | 1825503288 |
| ISO 1      | -15                           | 70                            | G 1/4                           | G 1/4                            | G 1/4                              | M5                                  | 1825503290 |
| ISO 1      | -15                           | 70                            | G 1/4                           | G 1/4                            | G 1/4                              | M5                                  | 1825503292 |

Fig. 1  
ports 2 and 4 on side



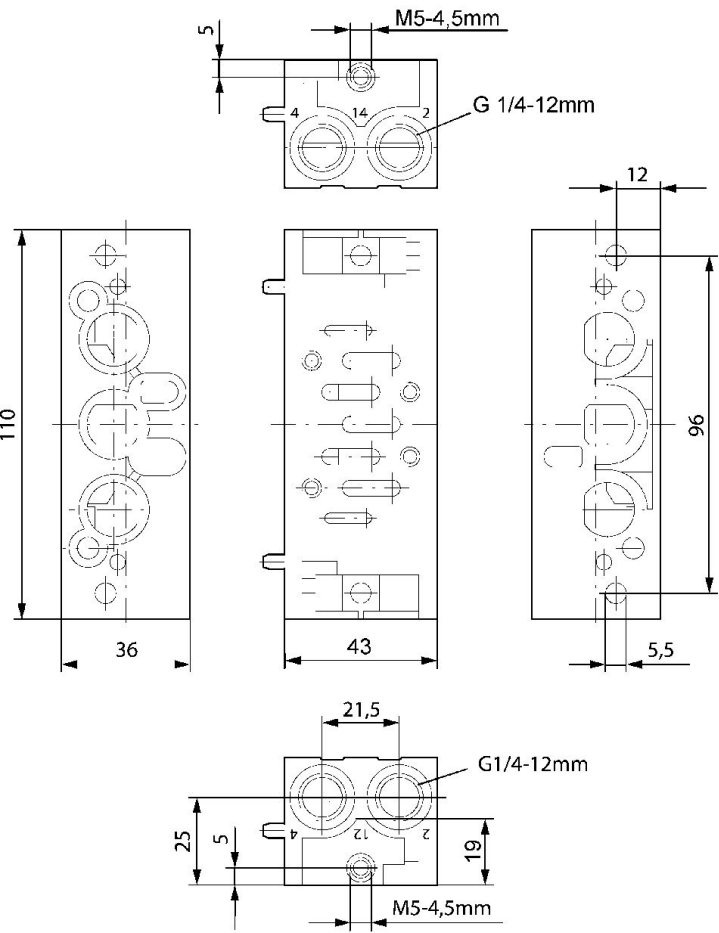
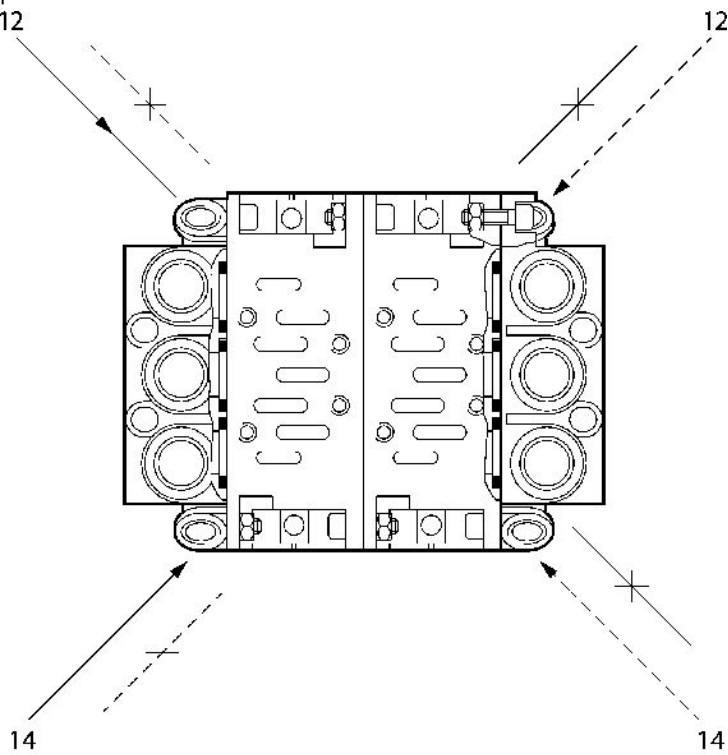


Fig. 2  
ports 2 and 4 on side  
12



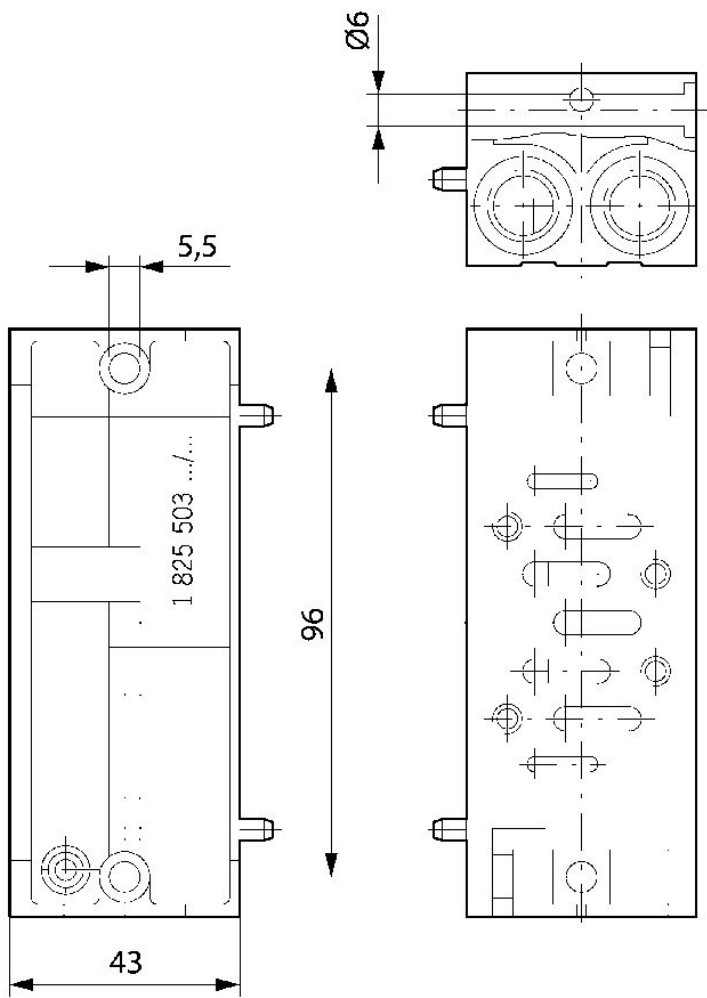
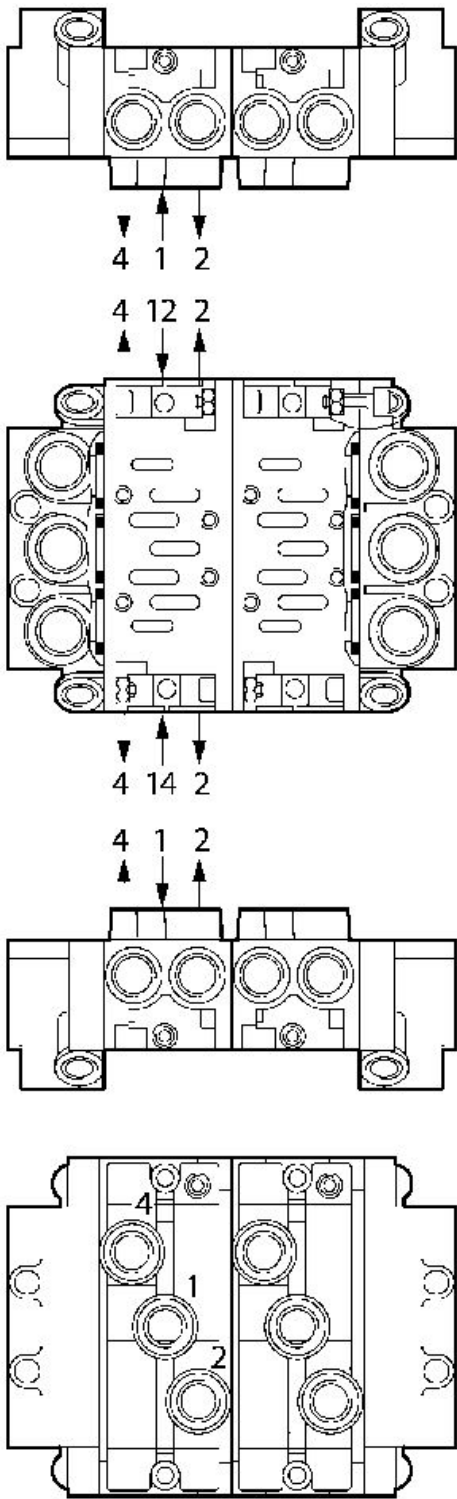


Fig. 3  
Ports 2 and 4 on side, 1,2 and 4 also on bottom



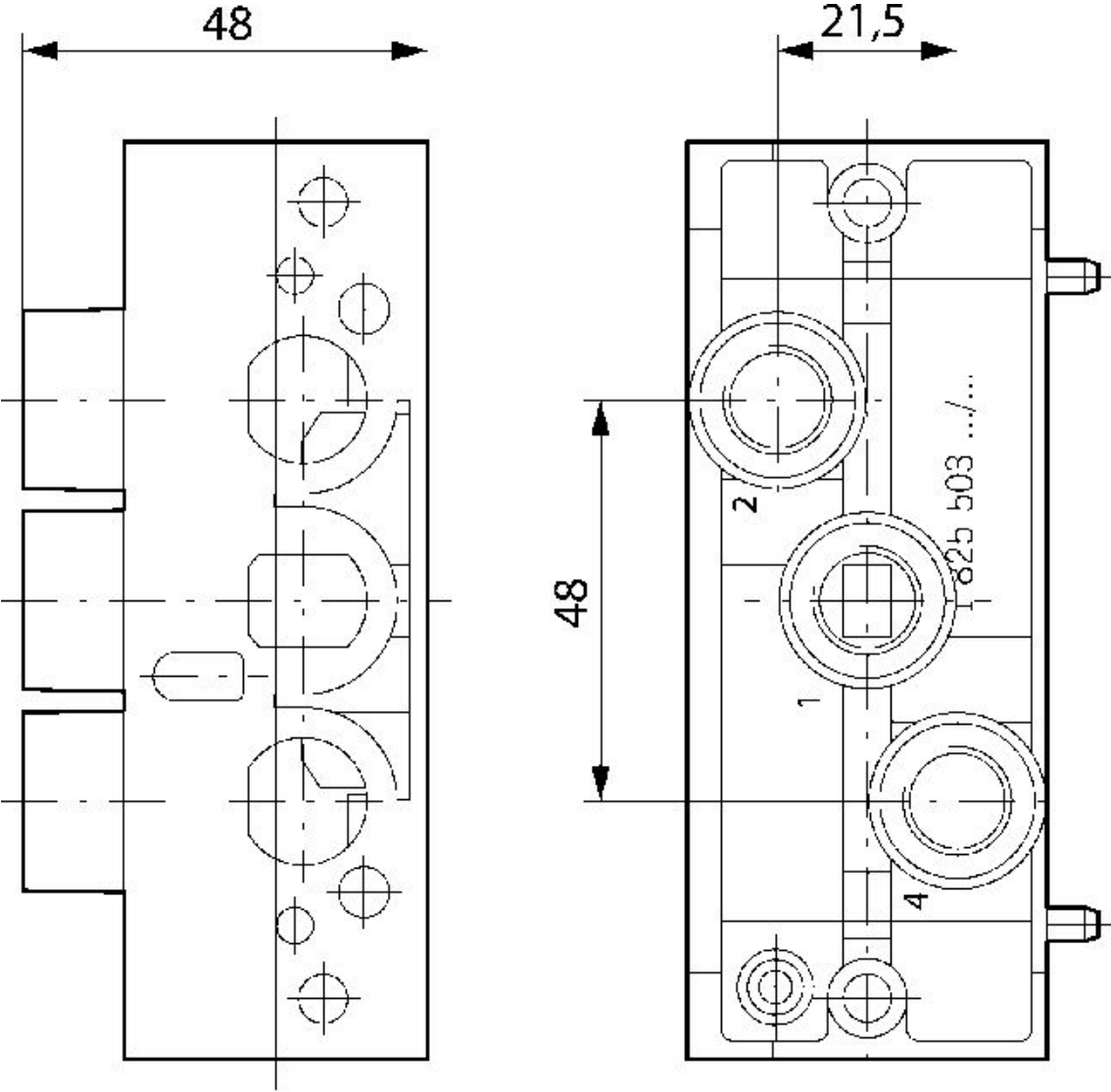
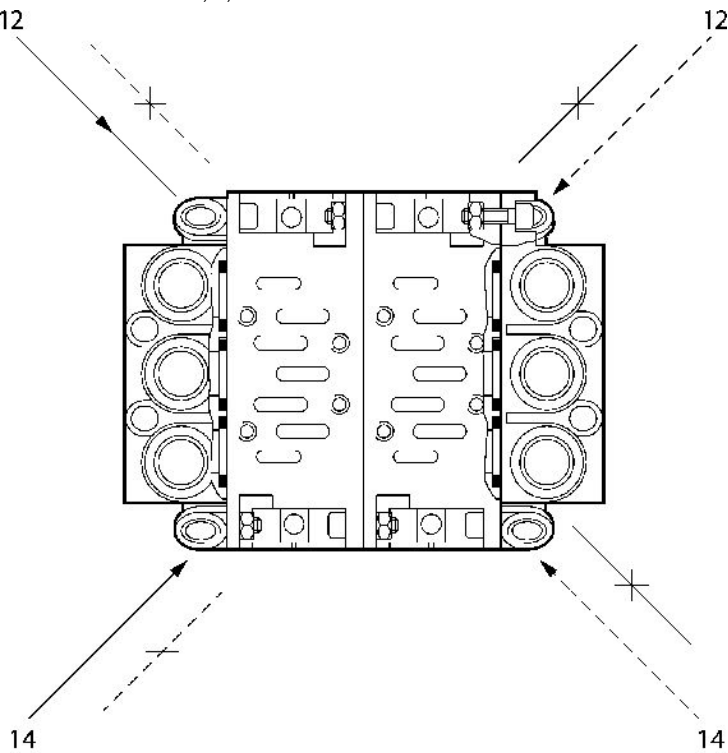


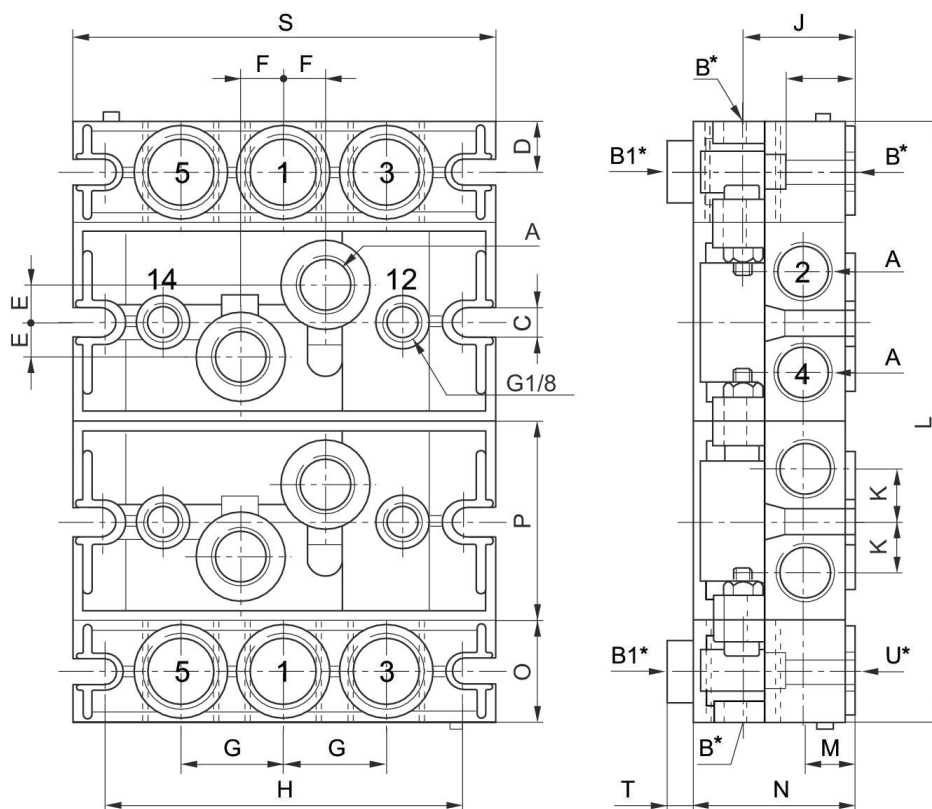
Fig. 4  
Ports 2 and 4 on side, 1,2 and 4 also on bottom



Base plate, Ports 2 and 4 side or bottom



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection output | Compressed air connection, exhaust | Compressed air connection pilot air | Max. number of valve positions | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|----------------------------------|------------------------------------|-------------------------------------|--------------------------------|------------|
| ISO 1      | -20                           | 70                            | G 1/4                           | G 1/4                            | G 1/4                              | G 1/8                               | 1                              | 5801500000 |



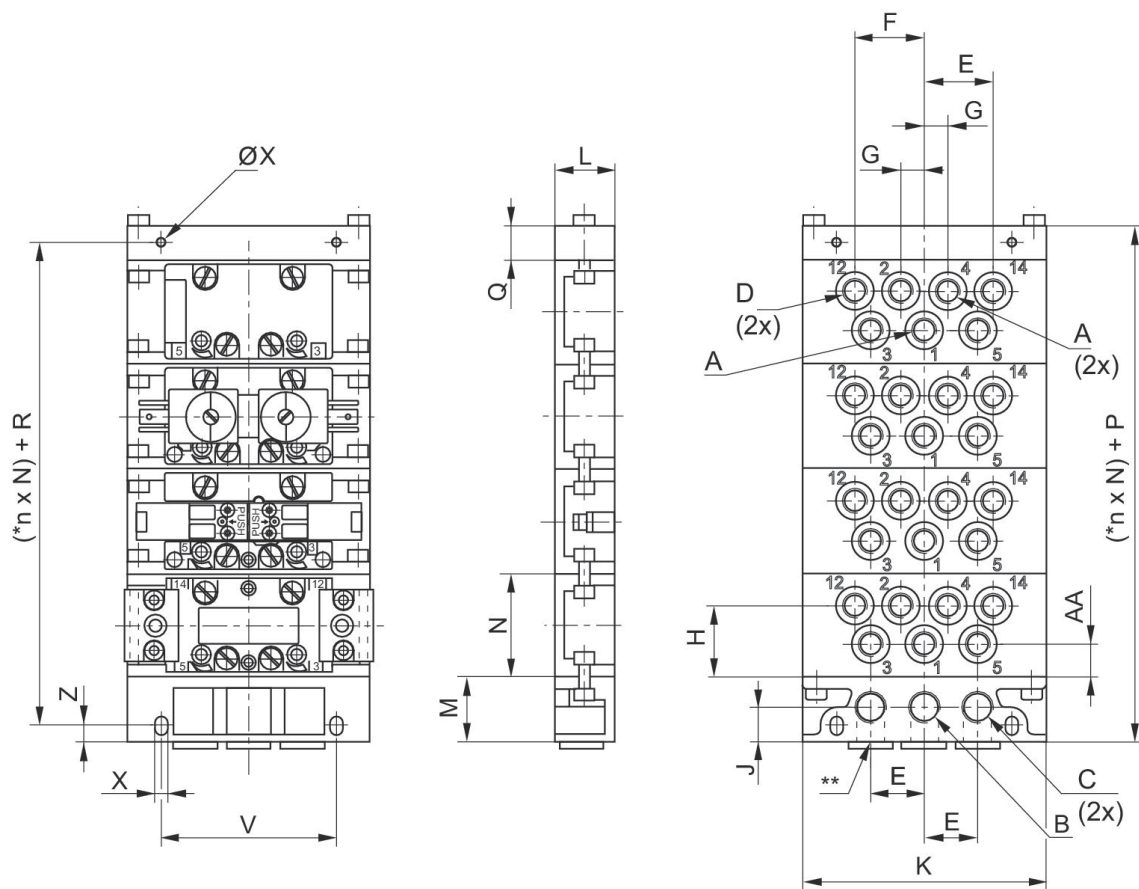
| Part No.   | S   | T |
|------------|-----|---|
| 5801500000 | 106 | 8 |
| 5802500000 | 120 | 7 |

n = number of subbases

Base plate, ports 2 and 4 on bottom



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection output | Compressed air connection pilot air | Max. number of valve positions | Part No.   |
|------------|-------------------------------|-------------------------------|----------------------------------|-------------------------------------|--------------------------------|------------|
| ISO 1      | -20                           | 70                            | G 1/8                            | G 1/8                               | 1                              | 5801720000 |
| ISO 1      | -20                           | 70                            | G 1/4                            | G 1/8                               | 1                              | 5801750000 |



\* n = Number of subbases. \*\* Alternative port openings, closed with plugs

| Part No.   | * |       | A     | B     | C     | D     | E  | F    | G    |
|------------|---|-------|-------|-------|-------|-------|----|------|------|
| 5801720000 | a | ISO 1 | G 1/8 | G 1/4 | G 1/4 | G 1/8 | 22 | 28.5 | 9.5  |
| 5801750000 | b | ISO 1 | G 1/4 | G 3/8 | G 3/8 | G 1/8 | 27 | 40   | 12.5 |
| 5802720000 | b | ISO 2 | G 1/4 | G 3/8 | G 3/8 | G 1/8 | 27 | 39   | 13.5 |
| 5802750000 | c | ISO 2 | G 3/8 | G 1/2 | G 1/2 | G 1/8 | 36 | 52   | 17   |
| 5803750000 | d | ISO 3 | G 1/2 | G 3/4 | G 3/4 | G 1/8 | 44 | 62   | 20.5 |

| H    | J    | K   | L  | M  | N  | P  | Q  | R    | V   |
|------|------|-----|----|----|----|----|----|------|-----|
| 29.5 | 14.5 | 100 | 25 | 27 | 43 | 41 | 14 | 27.5 | 72  |
| 26.5 | 20   | 122 | 30 | 34 | 43 | 49 | 15 | 34   | 94  |
| 38   | 20   | 122 | 30 | 34 | 56 | 49 | 15 | 34   | 94  |
| 33   | 22   | 156 | 37 | 39 | 56 | 59 | 20 | 40   | 118 |
| 42   | 24   | 190 | 40 | 44 | 71 | 64 | 20 | 45   | 146 |

| X   | Z  | AA |
|-----|----|----|
| 5.4 | 7  | 8  |
| 6.4 | 8  | 10 |
| 6.4 | 8  | 18 |
| 8.4 | 10 | 13 |
| 8.4 | 10 | —  |

\* Intermediate plates designated with the same letters (a-d) can be mounted together without a transition plate.

Blanking piece

Ambient temperature min./max.: -20 °C ... 70 °C



| Weight<br>[kg] | Material | Part No.   |
|----------------|----------|------------|
| 0.011          | Brass    | 5801530000 |

Accessories, for intermediate plates



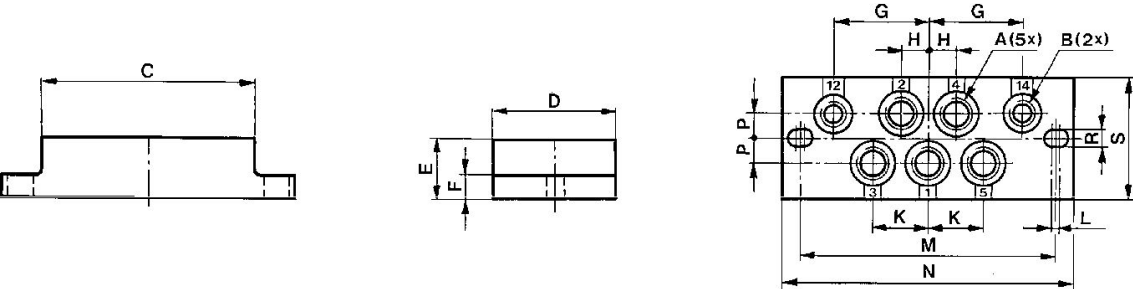
| Type                        | Type  | Delivery unit<br>[piece] | Part No.   |
|-----------------------------|-------|--------------------------|------------|
| Mounting<br>screw           | ISO 1 | 10                       | 1827009767 |
| O-ring, Ø 17<br>mm, 12x2,62 | ISO 1 | 50                       | R412000918 |

Single subbase, ports on bottom



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection output | Compressed air connection, exhaust | Compressed air connection pilot air | Max. number of valve positions | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|----------------------------------|------------------------------------|-------------------------------------|--------------------------------|------------|
| ISO 1      | -20                           | 70                            | G 1/8                           | G 1/8                            | G 1/8                              | G 1/8                               | 1                              | 5801700000 |

Dimensions



| Part No.   | A *) | B *) | C   | D  | E  | F  | G    | H  | K  |
|------------|------|------|-----|----|----|----|------|----|----|
| 5801700000 | G1/8 | G1/8 | 70  | 40 | 20 | 8  | 26.5 | 9  | 18 |
| 5801800000 | Ø 6  | Ø 4  | 70  | 40 | 20 | 8  | 26.5 | 9  | 18 |
| 5802700000 | G1/4 | G1/8 | 86  | 52 | 22 | 8  | 34   | 12 | 24 |
| 5802800000 | Ø 8  | Ø 6  | 86  | 52 | 22 | 8  | 34   | 12 | 24 |
| 5803700000 | G3/8 | G1/8 | 118 | 65 | 32 | 10 | 45   | 16 | 32 |
| 5804700000 | G1/2 | G1/8 | 142 | 76 | 37 | 10 | 55.5 | 20 | 40 |

| L | M   | N   | P  | R   | S  |
|---|-----|-----|----|-----|----|
| 2 | 84  | 96  | 8  | 5.4 | 40 |
| 2 | 84  | 96  | 8  | 5.4 | 40 |
| 2 | 102 | 115 | 10 | 6.4 | 52 |
| 2 | 102 | 115 | 10 | 6.4 | 52 |
| 2 | 138 | 153 | 11 | 8.4 | 65 |
| 2 | 175 | 190 | 13 | 8.4 | 76 |

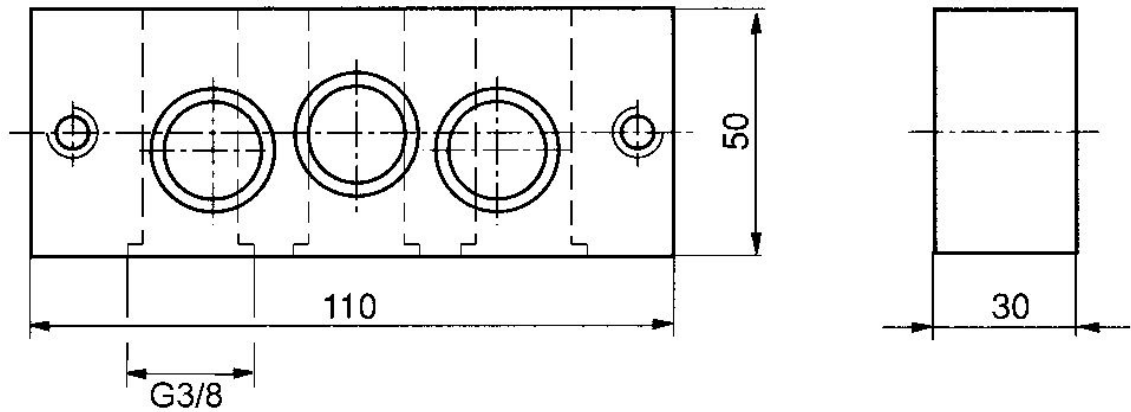
\*) Ports

Supply plate



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|------------|
| ISO 1      | -25                           | 70                            | G 3/8                           | G 3/8                              | 8985041162 |

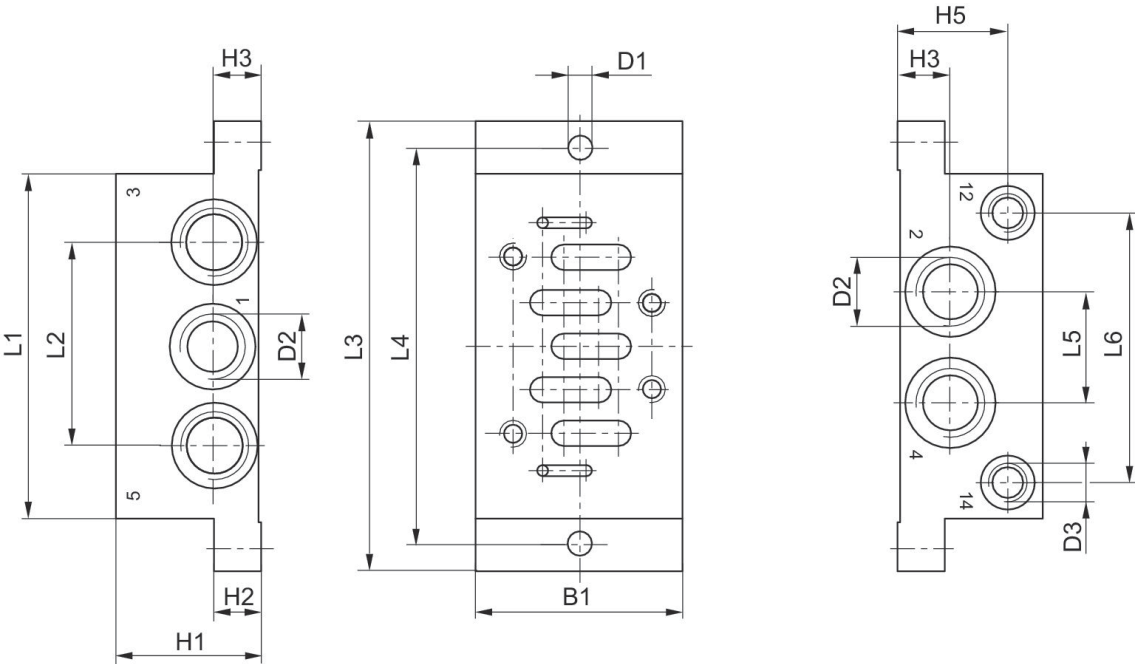
Dimensions



Single subbase, thread connections on the side



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection output | Compressed air connection, exhaust | Compressed air connection pilot air | Max. number of valve positions | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|----------------------------------|------------------------------------|-------------------------------------|--------------------------------|------------|
| ISO 1      | -25                           | 70                            | G 1/4                           | G 1/4                            | G 1/4                              | G 1/8                               | 1                              | 1825503143 |



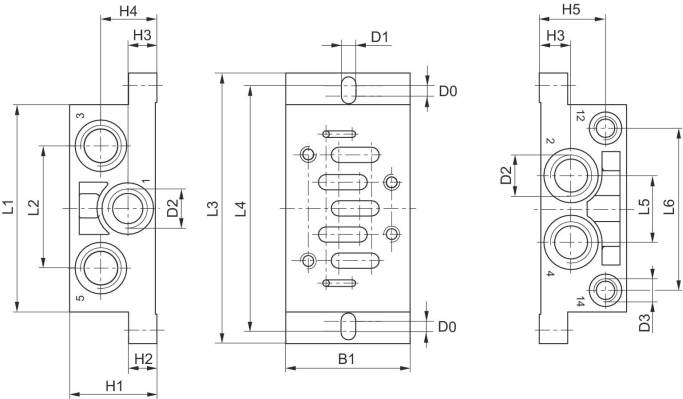
| Part No.   |       | B1 | H1 | H2 | H3 | H5 | D1  | D2 *) | D3 *) |
|------------|-------|----|----|----|----|----|-----|-------|-------|
| 1825503149 | ISO 3 | 71 | 32 | 18 | 17 | 22 | 6.6 | G 1/2 | G 1/8 |

| Part No.   | L1  | L2 | L3  | L4  | L5 | L6 |
|------------|-----|----|-----|-----|----|----|
| 1825503149 | 119 | 68 | 149 | 136 | 32 | 90 |

\*) Ports

1825503143

Dimensions

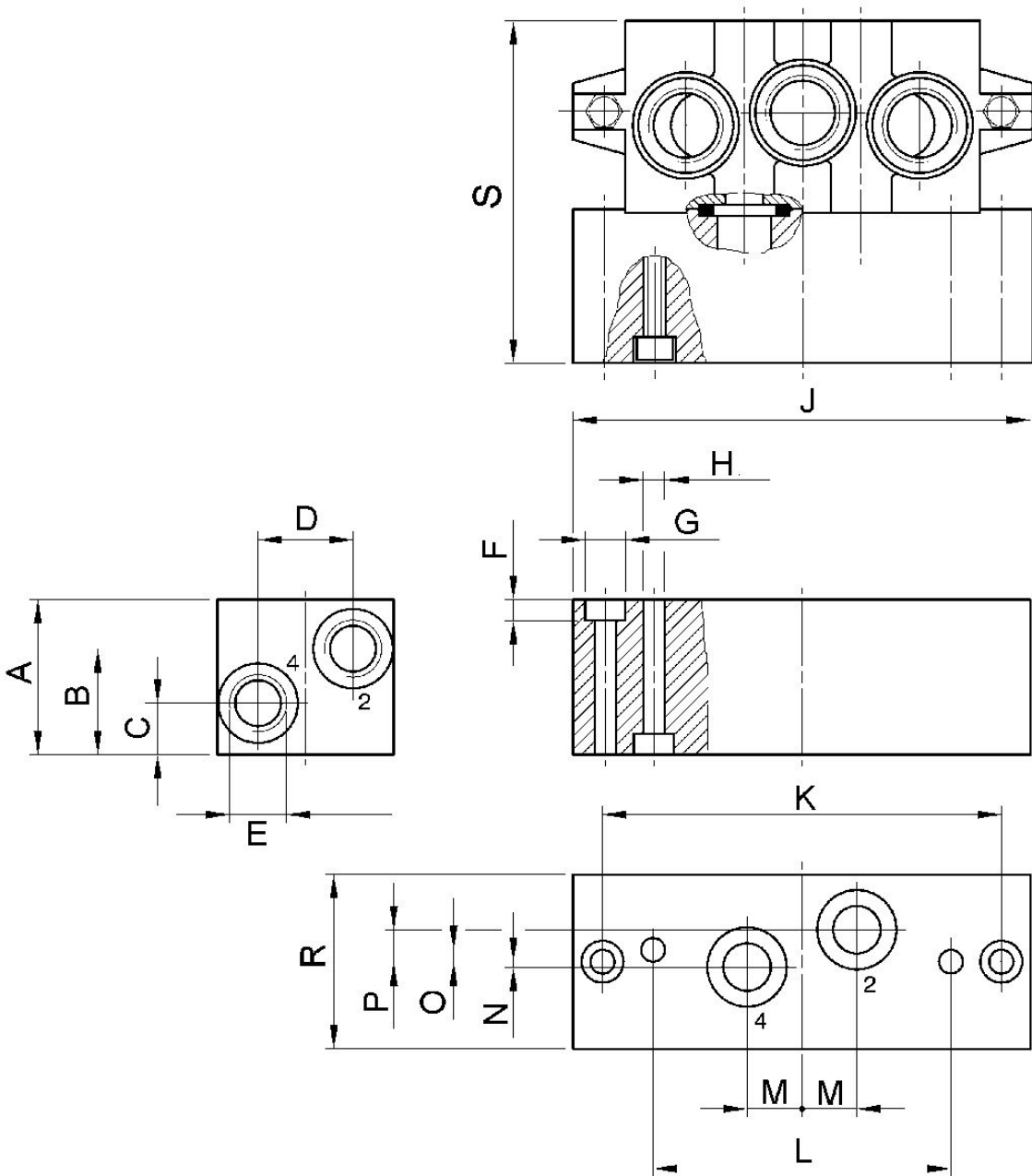


Angle subplate



| Compressed<br>air connec-<br>tion output | Connection<br>direction | Part No.   |
|------------------------------------------|-------------------------|------------|
| G 1/4                                    | On the side             | 1825503170 |

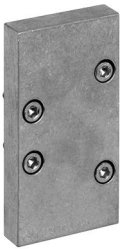
Dimensions



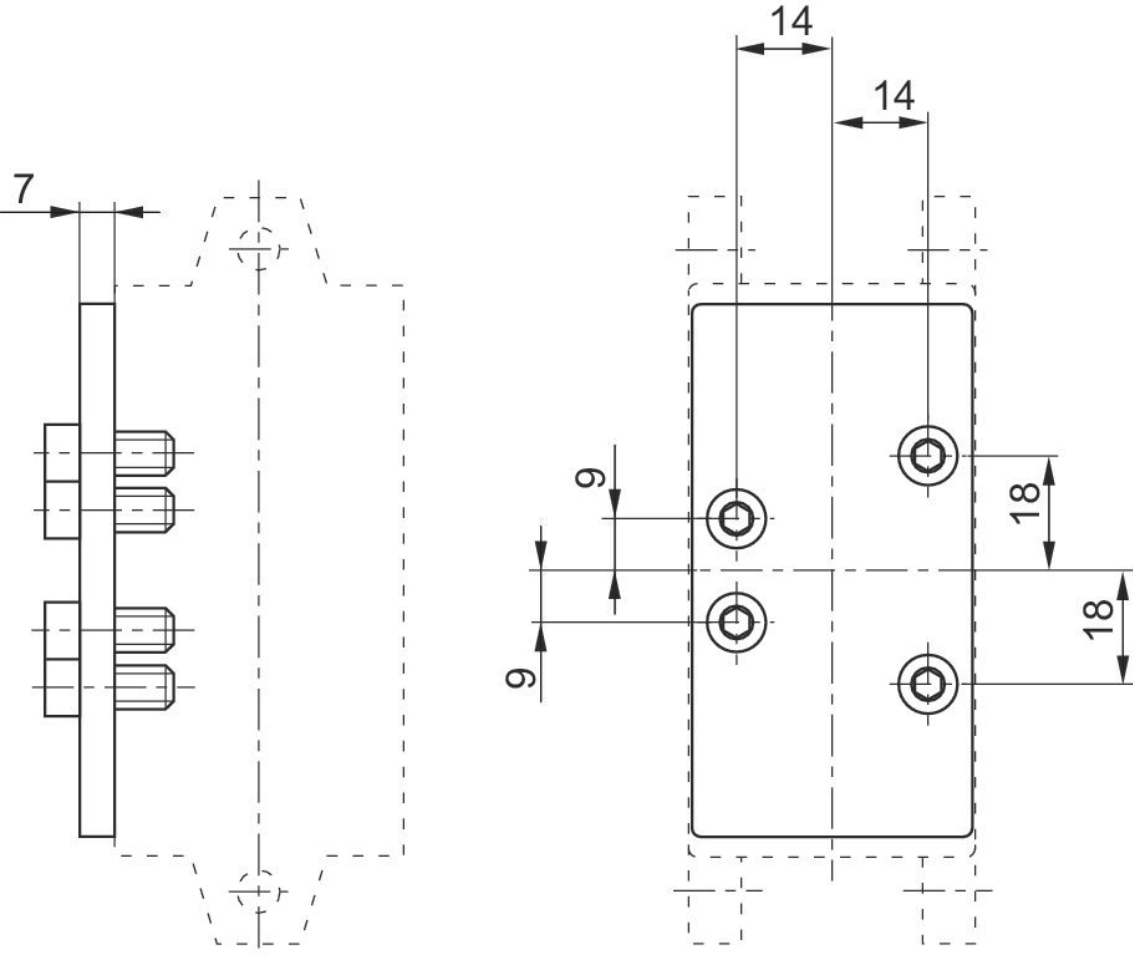
| Part No.   | A  | B  | C  | D  | E     | F   | G    | H     | J   |
|------------|----|----|----|----|-------|-----|------|-------|-----|
| 1825503170 | 37 | 25 | 12 | 22 | G 1/4 | 5,7 | Ø 10 | Ø 5,5 | 110 |
| 1825503204 | 40 | 26 | 14 | 29 | G 3/8 | 6,8 | Ø 11 | Ø 6,6 | 135 |
| 1825503205 | 45 | 29 | 17 | 36 | G 1/2 | 9   | Ø 15 | Ø 9   | 190 |

| K   | L   | M  | N   | O | P   | R  | S  |
|-----|-----|----|-----|---|-----|----|----|
| 95  | 71  | 13 | 1,5 | 3 | 7,5 | 42 | 81 |
| 115 | 86  | 15 | 5   | 3 | 6   | 55 | 85 |
| 168 | 130 | 19 | 6   | 3 | 8   | 70 | 99 |

Blanking plate



| Type           | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No.   |
|----------------|------------|-------------------------------|-------------------------------|------------|
| Blanking plate | ISO 1      | 0                             | 80                            | 1825503282 |

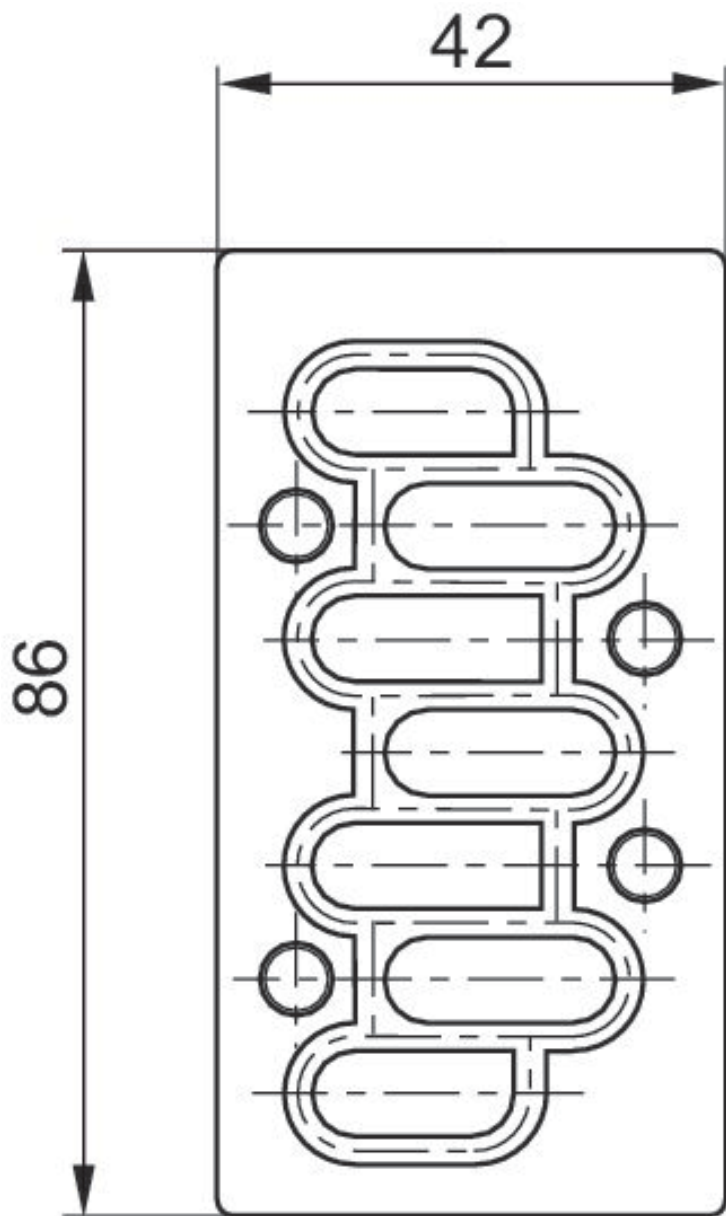


Gasket ISO 1



| Type         | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No.   |
|--------------|-------------------------------|-------------------------------|------------|
| Gasket ISO 1 | 0                             | 80                            | 1821015028 |

Dimensions

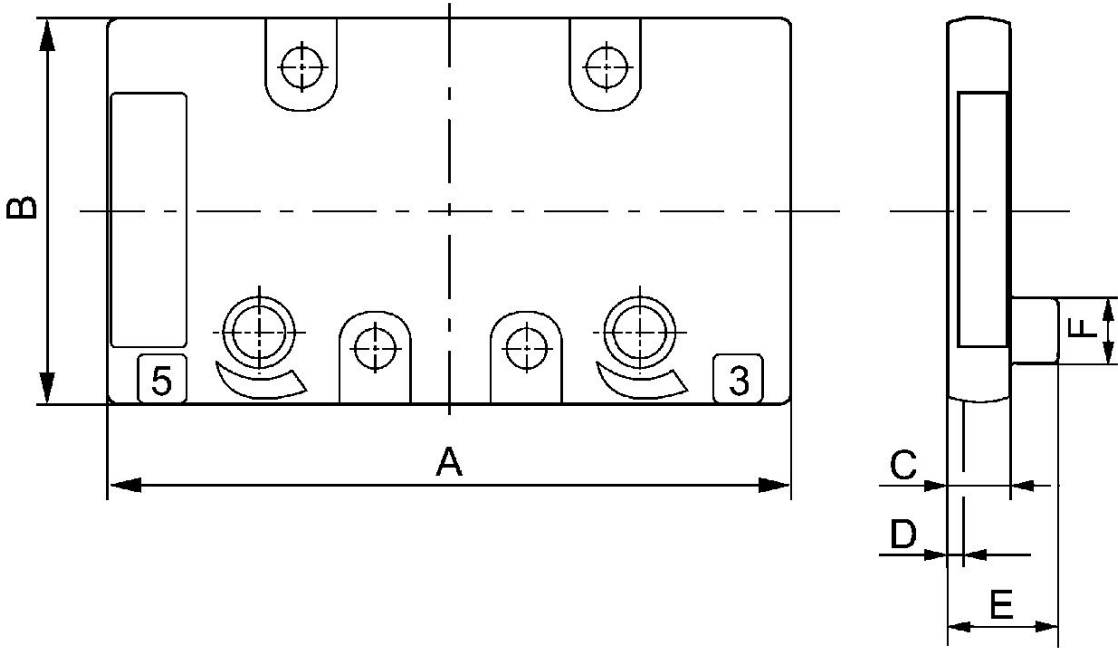


Blanking plate



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Max. number of valve positions | Part No.   |
|------------|-------------------------------|-------------------------------|--------------------------------|------------|
| ISO 1      | -20                           | 70                            | 1                              | 5801870000 |

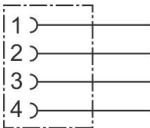
Dimensions



| Part No.   | A     | B    | C  | D | E  | F  |
|------------|-------|------|----|---|----|----|
| 5801870000 | 69    | 39   | 7  | 2 | –  | –  |
| 5802870000 | 86.4  | 49.4 | 9  | 2 | –  | –  |
| 5803870000 | 116.5 | 63.5 | 10 | 2 | 15 | 12 |
| 5804870000 | 142.5 | 74.5 | 10 | 2 | 20 | 15 |

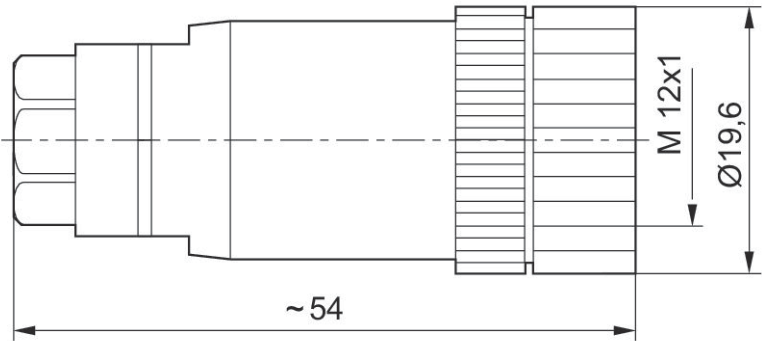
Round plug connector, Series CON-RD

Electrical connection 1: Socket ... M12x1 ... 4-pin ... A-coded ... straight  
Connection type: Screws  
Ambient temperature min./max.: -40 °C ... 85 °C



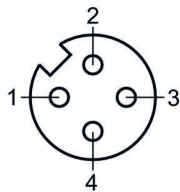
| Operational voltage | Coding  | Shielding  | Connec-<br>tion type | Max. current [A] | min. suit-<br>able cable Ø [mm] | max. suit-<br>able cable Ø [mm] | Part No.   |
|---------------------|---------|------------|----------------------|------------------|---------------------------------|---------------------------------|------------|
| 48 V AC/DC          | A-coded | unshielded | Screws               | 4                | 4                               | 6                               | 1834484177 |

Dimensions



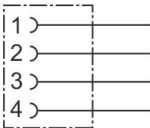
1834484177

Pin assignment, socket



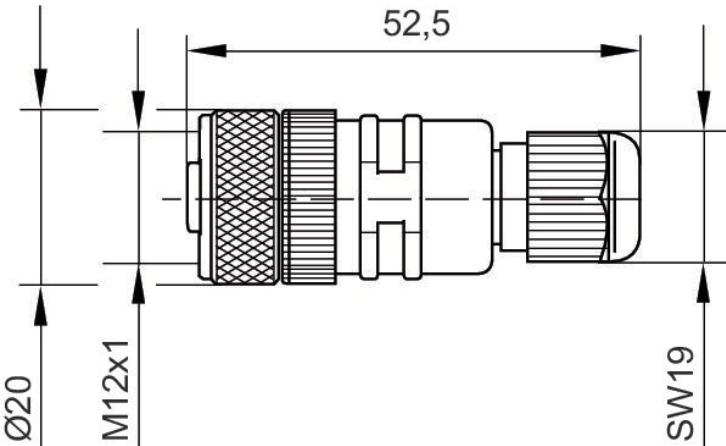
Round plug connector, Series CON-RD

Electrical connection 1: Socket ... M12x1 ... 4-pin ... A-coded ... straight  
Connection type: Screws  
Ambient temperature min./max.: -25 °C ... 90 °C



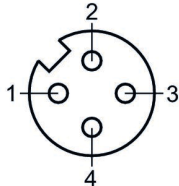
| Operational voltage | Coding  | Shielding  | Connec-<br>tion type | Max. current [A] | min. suit-<br>able cable Ø [mm] | Part No.   |
|---------------------|---------|------------|----------------------|------------------|---------------------------------|------------|
| 48 V AC/DC          | A-coded | unshielded | Screws               | 4                | 4                               | 8941054324 |

Dimensions



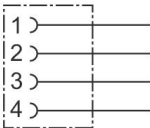
8941054324

Pin assignment, socket



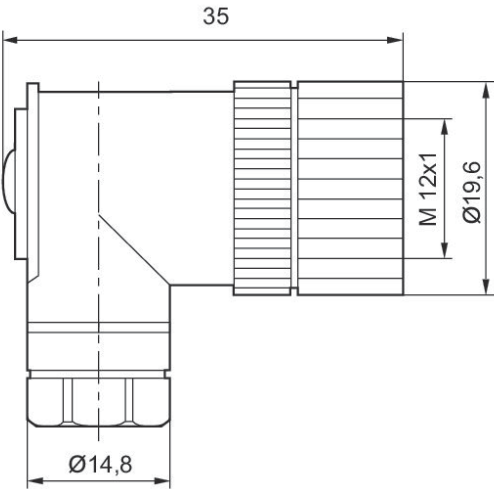
Round plug connector, Series CON-RD

Electrical connection 1: Socket ... M12x1 ... 4-pin ... A-coded ... angled  
Connection type: Screws  
Ambient temperature min./max.: -40 °C ... 85 °C



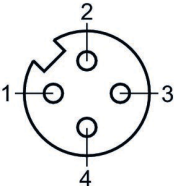
| Operational voltage | Coding  | Shielding  | Connec-<br>tion type | Max. current [A] | min. suit-<br>able cable Ø [mm] | Part No.   |
|---------------------|---------|------------|----------------------|------------------|---------------------------------|------------|
| 48 V AC/DC          | A-coded | unshielded | Screws               | 4                | 4                               | 1834484178 |

Dimensions



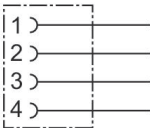
1834484178

Pin assignment, socket



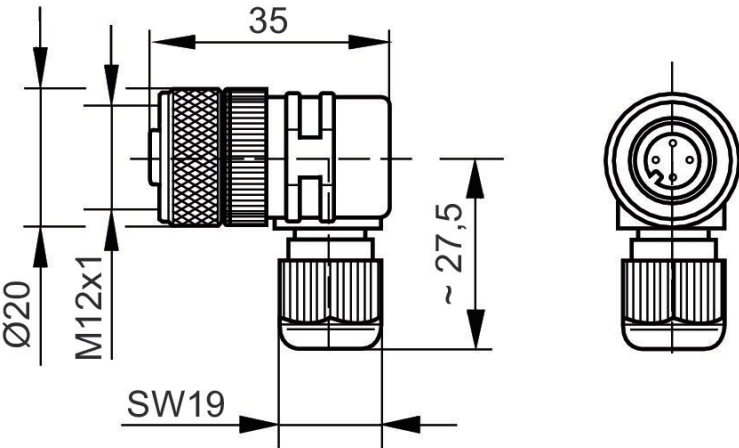
Round plug connector, Series CON-RD

Electrical connection 1: Socket ... M12x1 ... 4-pin ... A-coded ... angled  
Connection type: Screws  
Ambient temperature min./max.: -25 °C ... 90 °C



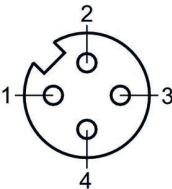
| Operational voltage | Coding  | Shielding  | Connec- tion type | Max. current [A] | min. suit- able cable Ø [mm] | Part No.   |
|---------------------|---------|------------|-------------------|------------------|------------------------------|------------|
| 48 V AC/DC          | A-coded | unshielded | Screws            | 4                | 4                            | 8941054424 |

Dimensions



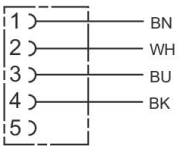
8941054424

Pin assignment, socket



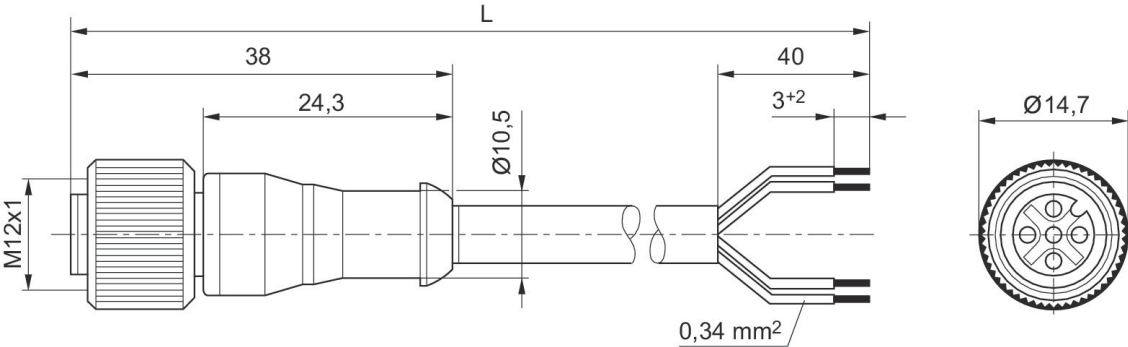
Round plug connector, Series CON-RD, open cable ends, straight

Electrical connection 1: Socket ... M12x1 ... 5-pin ... straight  
Electrical connection 2: without wire end ferrule, tin-plated ... 4-pin  
Ambient temperature min./max.: -25 °C ... 70 °C



| Operational voltage | Electrical connection 1, type | Electrical connection 1, thread size | Electrical connection 1, number of poles | Electrical connection 1, coding | Electrical connection 2, type | Electrical connection 2, number of poles | Cable length [m] | Part No.   |
|---------------------|-------------------------------|--------------------------------------|------------------------------------------|---------------------------------|-------------------------------|------------------------------------------|------------------|------------|
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | open cable ends               | 4-pin                                    | 3                | 1834484256 |
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | open cable ends               | 4-pin                                    | 5                | 1834484257 |
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | open cable ends               | 4-pin                                    | 10               | 1834484258 |

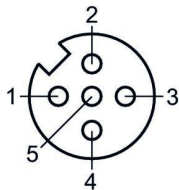
Dimensions



L = length

1834484256, 1834484257, 1834484258

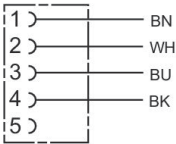
Pin assignment, socket



(1) BN=brown (2) WH=white 3) BU=blue (4) BK=black  
(5) not assigned

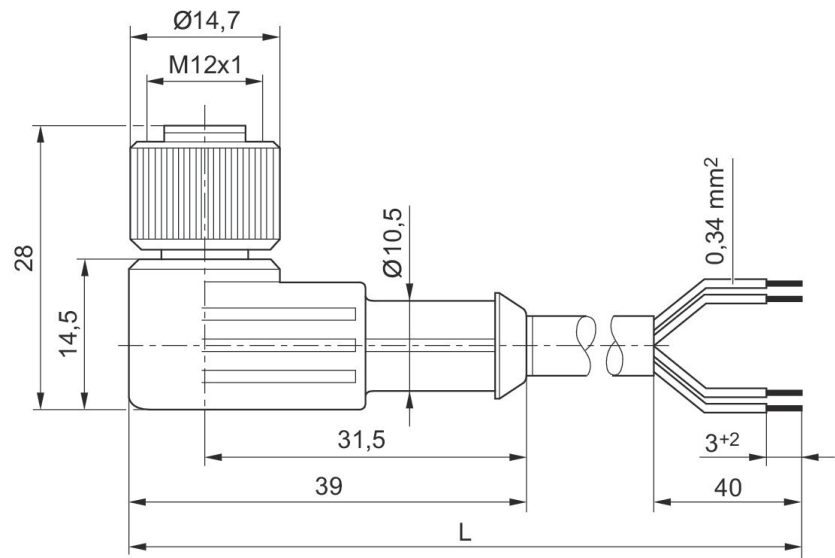
Round plug connector, Series CON-RD, 5-pin, angled, unshielded

Electrical connection 1: Socket ... M12x1 ... 5-pin ... angled  
Electrical connection 2: without wire end ferrule, tin-plated ... 4-pin  
Ambient temperature min./max.: -40 °C ... 85 °C



| Operational voltage | Electrical connection 1, type | Electrical connection 1, thread size | Electrical connection 1, number of poles | Electrical connection 1, coding | Electrical connection 2, type | Electrical connection 2, number of poles | Cable length [m] | Part No.   |
|---------------------|-------------------------------|--------------------------------------|------------------------------------------|---------------------------------|-------------------------------|------------------------------------------|------------------|------------|
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | open cable ends               | 4-pin                                    | 3                | 1834484259 |
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | open cable ends               | 4-pin                                    | 5                | 1834484260 |
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | open cable ends               | 4-pin                                    | 10               | 1834484261 |

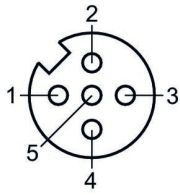
Dimensions



L = length

**1834484259, 1834484260, 1834484261**

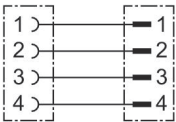
Pin assignment, socket



(1) BN=brown (2) WH=white (3) BU=blue (4) BK=black  
(5) not assigned

Round plug connector, Series CON-RD

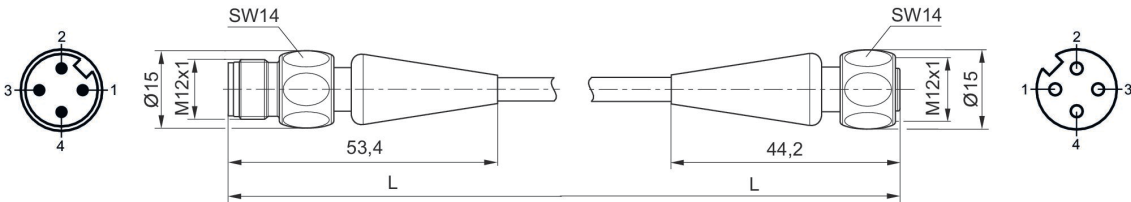
Electrical connection 1: Plug ... M12x1 ... 4-pin ... A-coded ... straight ... 180°  
Electrical connection 2: Socket ... M12x1 ... 4-pin ... A-coded ... straight  
Ambient temperature min./max.: -25 °C ... 70 °C



| Operational voltage | Electrical connection 1, type | Electrical connection 1, thread size | Electrical connection 1, number of poles | Electrical connection 1, coding | Electrical connection 2, type | Electrical connection 2, thread size | Electrical connection 2, number of poles | Part No.   |
|---------------------|-------------------------------|--------------------------------------|------------------------------------------|---------------------------------|-------------------------------|--------------------------------------|------------------------------------------|------------|
| 240 V AC            | Socket                        | M12x1                                | 4-pin                                    | A-coded                         | Plug                          | M12x1                                | 4-pin                                    | R402003760 |
| 240 V AC            | Socket                        | M12x1                                | 4-pin                                    | A-coded                         | Plug                          | M12x1                                | 4-pin                                    | R402003761 |
| 240 V AC            | Socket                        | M12x1                                | 4-pin                                    | A-coded                         | Plug                          | M12x1                                | 4-pin                                    | R402003762 |

| Electrical connection 2, coding | Cable length [m] | Part No.   |
|---------------------------------|------------------|------------|
| A-coded                         | 5                | R402003760 |
| A-coded                         | 10               | R402003761 |
| A-coded                         | 15               | R402003762 |

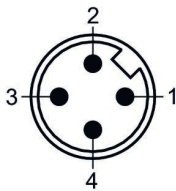
Dimensions



L = cable length

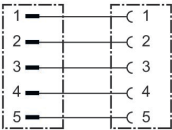
R402003760, R402003761, R402003762

Plug pin assignment



Round plug connector, Series CON-RD

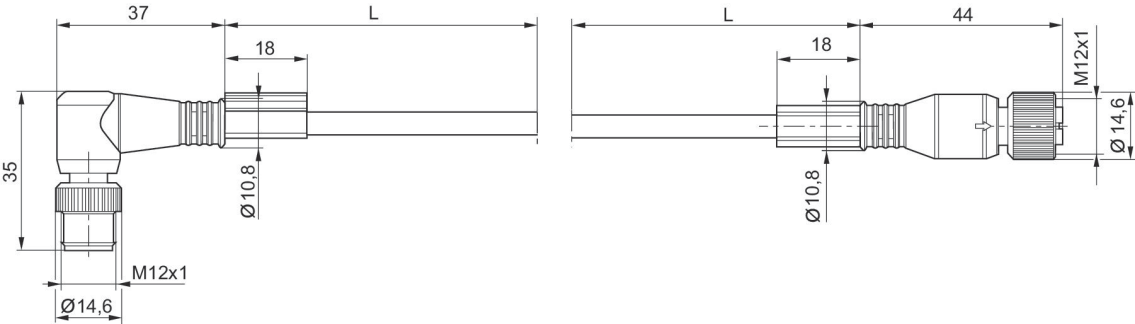
Electrical connection 1: Plug ... M12x1 ... 5-pin ... A-coded ... angled ... 90°  
Electrical connection 2: Socket ... M12x1 ... 5-pin ... A-coded ... straight  
Ambient temperature min./max.: -25 °C ... 80 °C



| Operational voltage | Electrical connection 1, type | Electrical connection 1, thread size | Electrical connection 1, number of poles | Electrical connection 1, coding | Electrical connection 2, type | Electrical connection 2, thread size | Electrical connection 2, number of poles | Part No.   |
|---------------------|-------------------------------|--------------------------------------|------------------------------------------|---------------------------------|-------------------------------|--------------------------------------|------------------------------------------|------------|
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | Plug                          | M12x1                                | 5-pin                                    | R412021694 |
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | Plug                          | M12x1                                | 5-pin                                    | R412021695 |

| Electrical connection 2, coding | Cable length [m] | Part No.   |
|---------------------------------|------------------|------------|
| A-coded                         | 2                | R412021694 |
| A-coded                         | 5                | R412021695 |

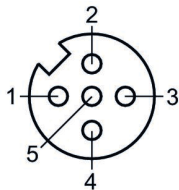
Dimensions



L = length

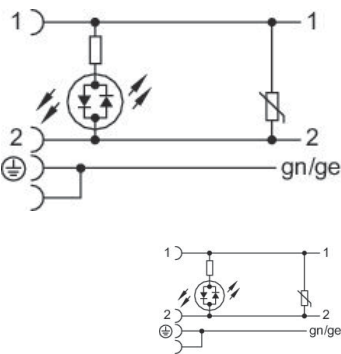
R412021694, R412021695

Pin assignment, socket



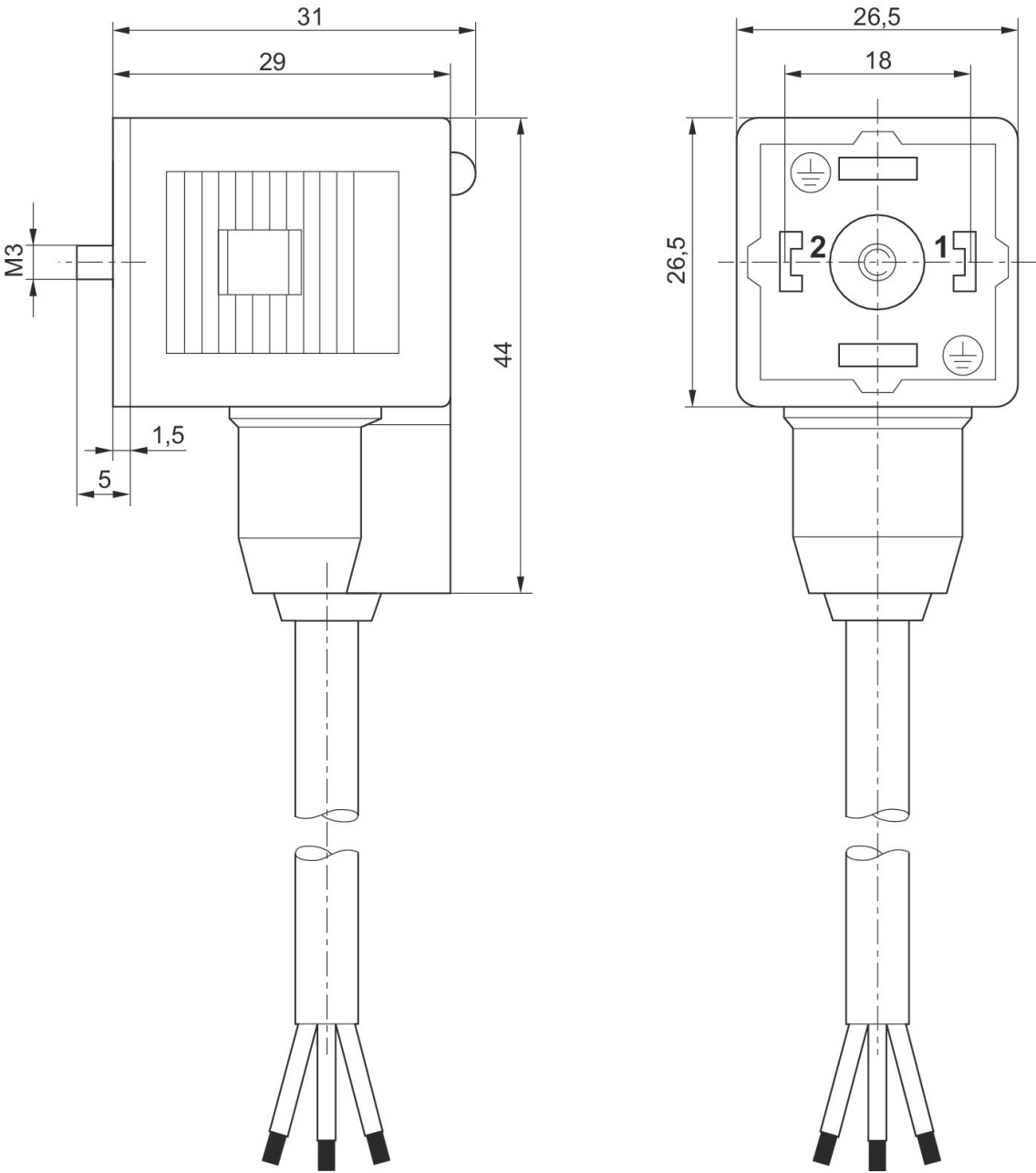
Valve plug connector with cable series CON-VP, Form A

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



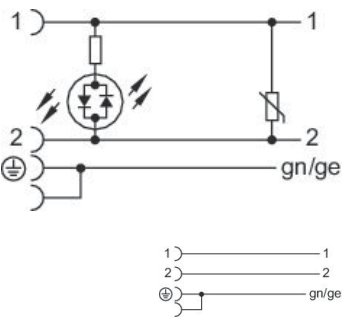
| Operational voltage | Protective circuit | Contact assignment | LED status display | Cable-Ø [mm] | Cable length [m] | Part No.   |
|---------------------|--------------------|--------------------|--------------------|--------------|------------------|------------|
| 24 V AC/DC          | Z-diode            | 2+E                | Yellow             | 5.9          | 3                | 1834484162 |
| 24 V AC/DC          | Z-diode            | 2+E                | Yellow             | 5.9          | 5                | 1834484163 |
| 230 V AC/DC         | Varistor           | 2+E                | Red                | 5.9          | 3                | 1834484164 |
| 230 V AC/DC         | Varistor           | 2+E                | Red                | 5.9          | 5                | 1834484165 |

Dimensions



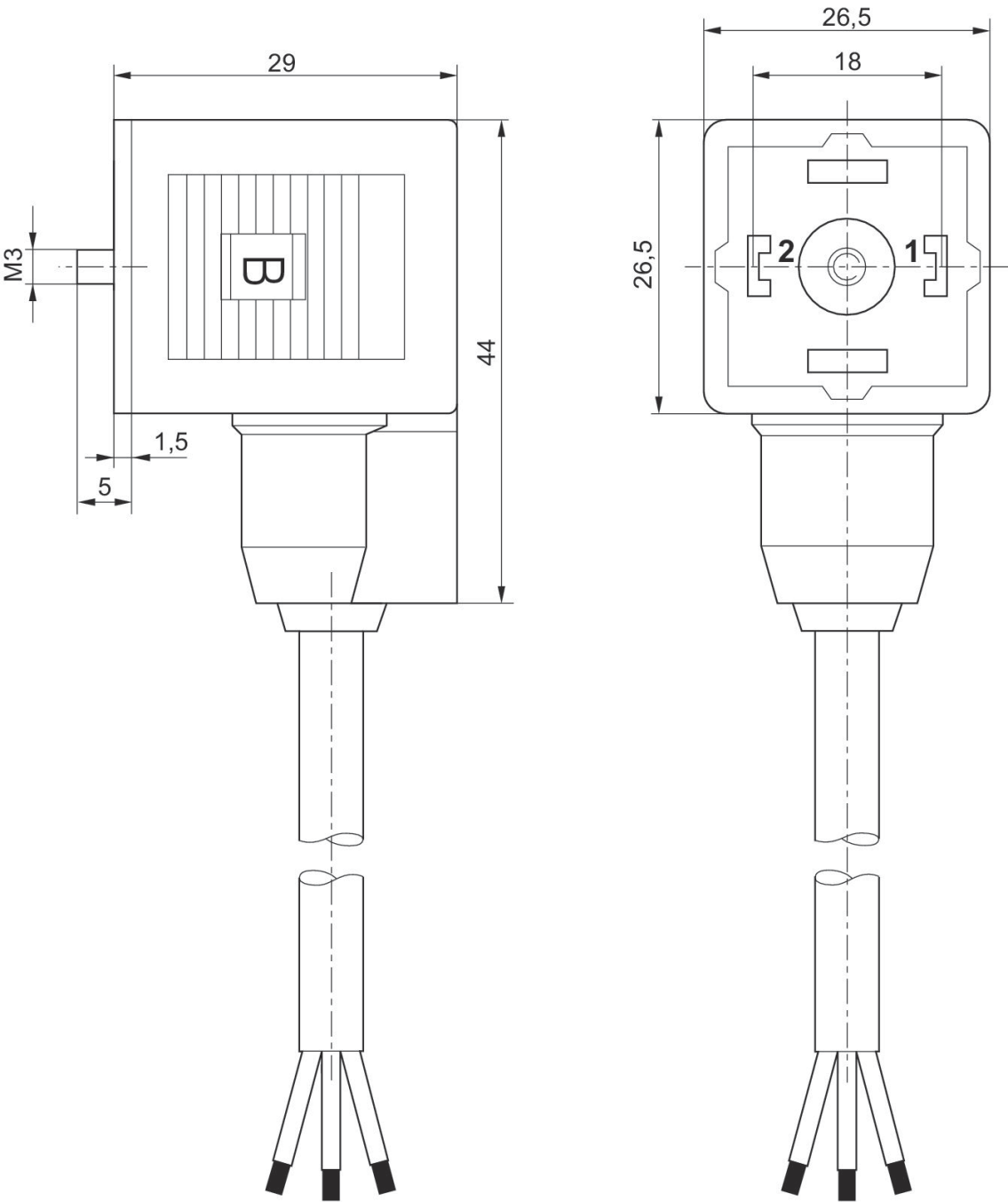
Valve plug connector with cable series CON-VP, Form A

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



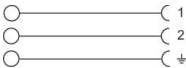
| Operational voltage | Contact as-<br>signment | Cable-Ø<br>[mm] | Cable length<br>[m] | Part No.   |
|---------------------|-------------------------|-----------------|---------------------|------------|
| 230 V AC/DC         | 2+E                     | 5.9             | 3                   | 1834484160 |

Dimensions



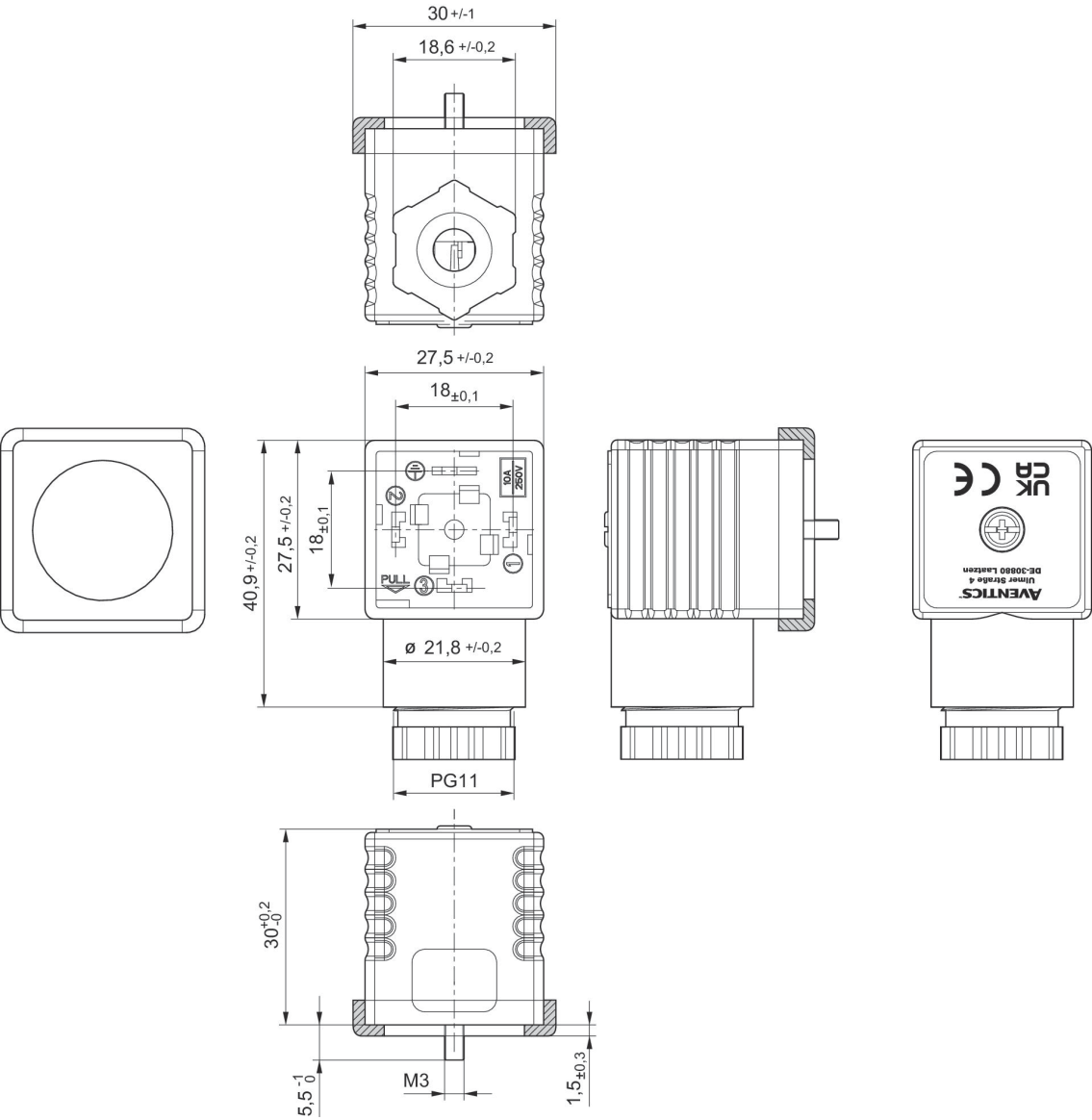
Valve plug connector, series CON-VP, Form A, 300 V DC / 250 V AC, 2-pin

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



| Operational voltage | Max. current [A] | Contact assignment | min. suitable cable Ø [mm] | max. suitable cable Ø [mm] | Part No.   |
|---------------------|------------------|--------------------|----------------------------|----------------------------|------------|
| 300 V DC / 250 V AC | 10               | 2+E                | 4                          | 9.5                        | 1834484048 |

Dimensions



Profile seal

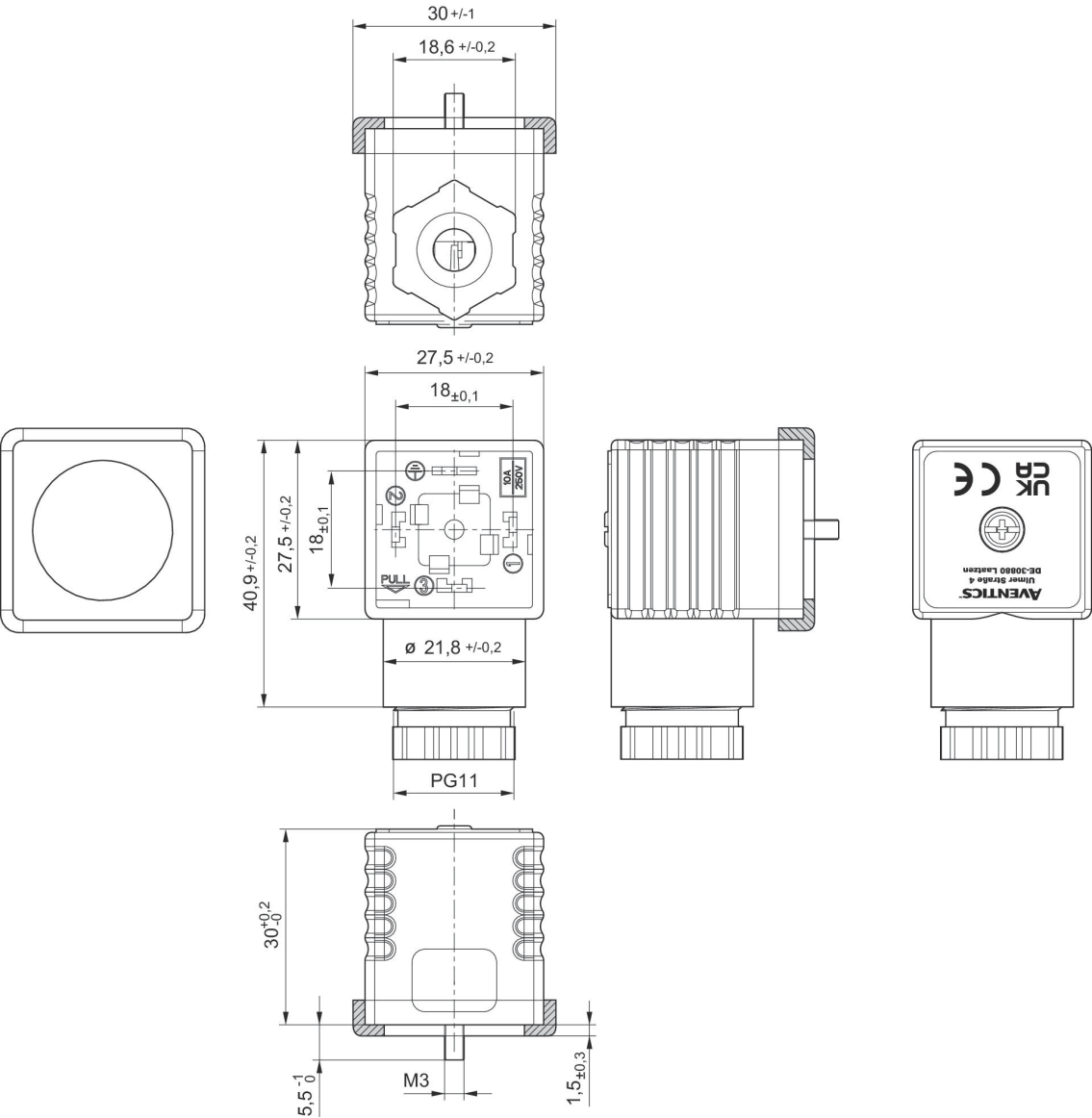
Valve plug connector, series CON-VP, Form A, 300 V DC / 250 V AC, 3-pin

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



| Operational voltage | Max. current [A] | Contact assignment | min. suitable cable Ø [mm] | max. suitable cable Ø [mm] | Part No.   |
|---------------------|------------------|--------------------|----------------------------|----------------------------|------------|
| 300 V DC / 250 V AC | 10               | 3+E                | 4                          | 9.5                        | 1834484059 |

Dimensions



Profile seal

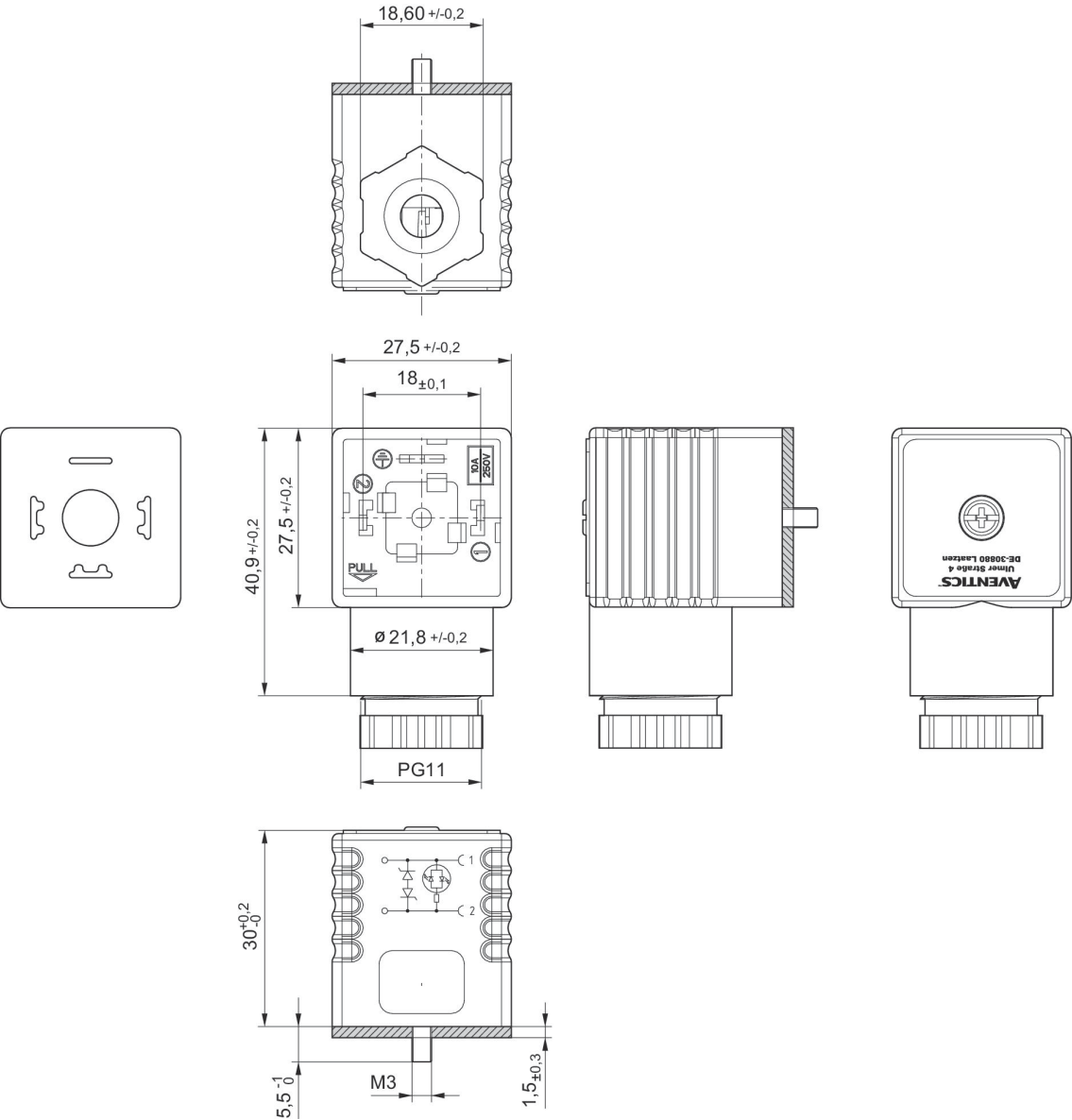
Valve plug connector, series CON-VP, form A, 115/230 V AC/DC

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



|  | Operational voltage | Protective circuit | Contact assignment | LED status display | min. suitable cable Ø [mm] | max. suitable cable Ø [mm] | Part No.   |
|--|---------------------|--------------------|--------------------|--------------------|----------------------------|----------------------------|------------|
|  | 115 V AC/DC         | Varistor           | 2+E                | Red                | 6.5                        | 9.5                        | 1834484102 |
|  | 230 V AC/DC         | Varistor           | 2+E                | Red                | 6.5                        | 9.5                        | 1834484103 |

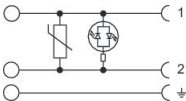
Dimensions



Profile seal

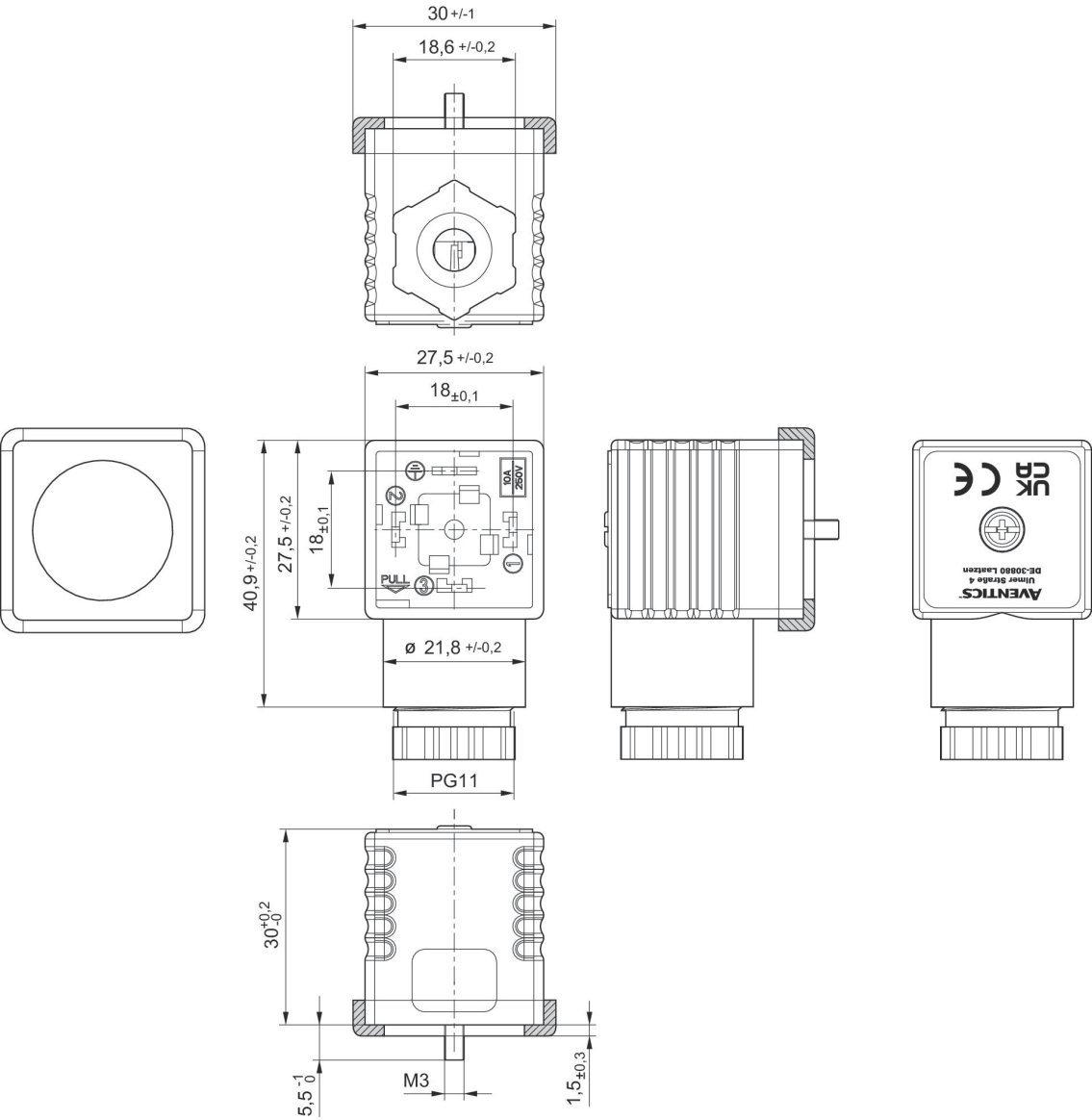
Valve plug connector, series CON-VP, Form A, 230 V AC/DC, Profile seal

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



| Operational voltage | Protective circuit | Contact assignment | LED status display | min. suitable cable Ø [mm] | max. suitable cable Ø [mm] | Part No.   |
|---------------------|--------------------|--------------------|--------------------|----------------------------|----------------------------|------------|
| 230 V AC/DC         | Varistor           | 2+E                | Green              | 6.5                        | 9.5                        | 8941016112 |

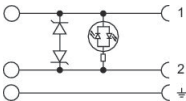
Dimensions



Profile seal

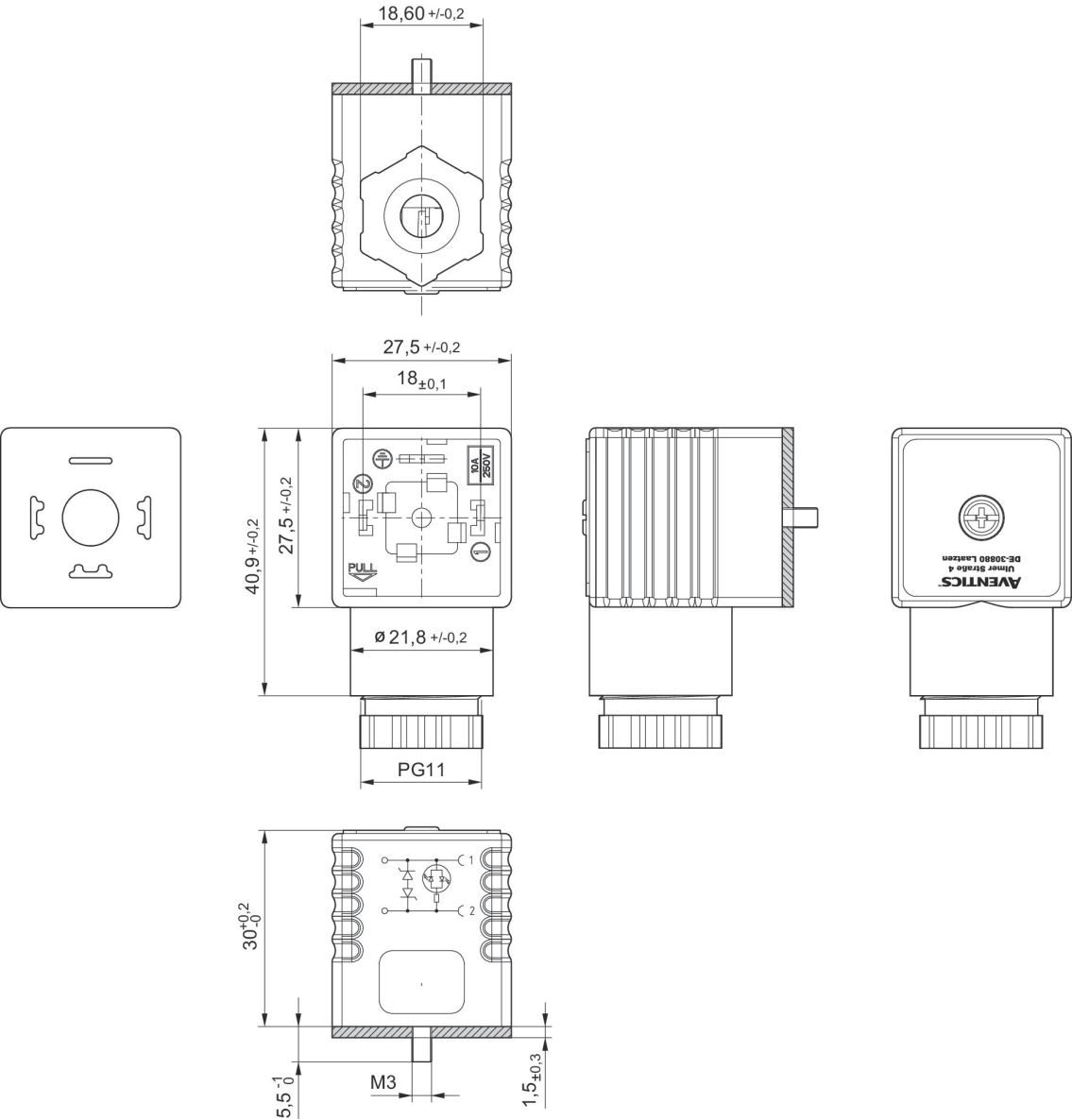
Valve plug connector, series CON-VP, Form A, 24 V AC/DC, Flat gasket

Electrical connection 1: EN 175301-803, form A  
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          | 2 Z-diodes         | 1.5              | 2+E                | Yellow             | 4                          | 9.5                        | 1834484101 |

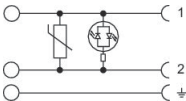
Dimensions



Profile seal

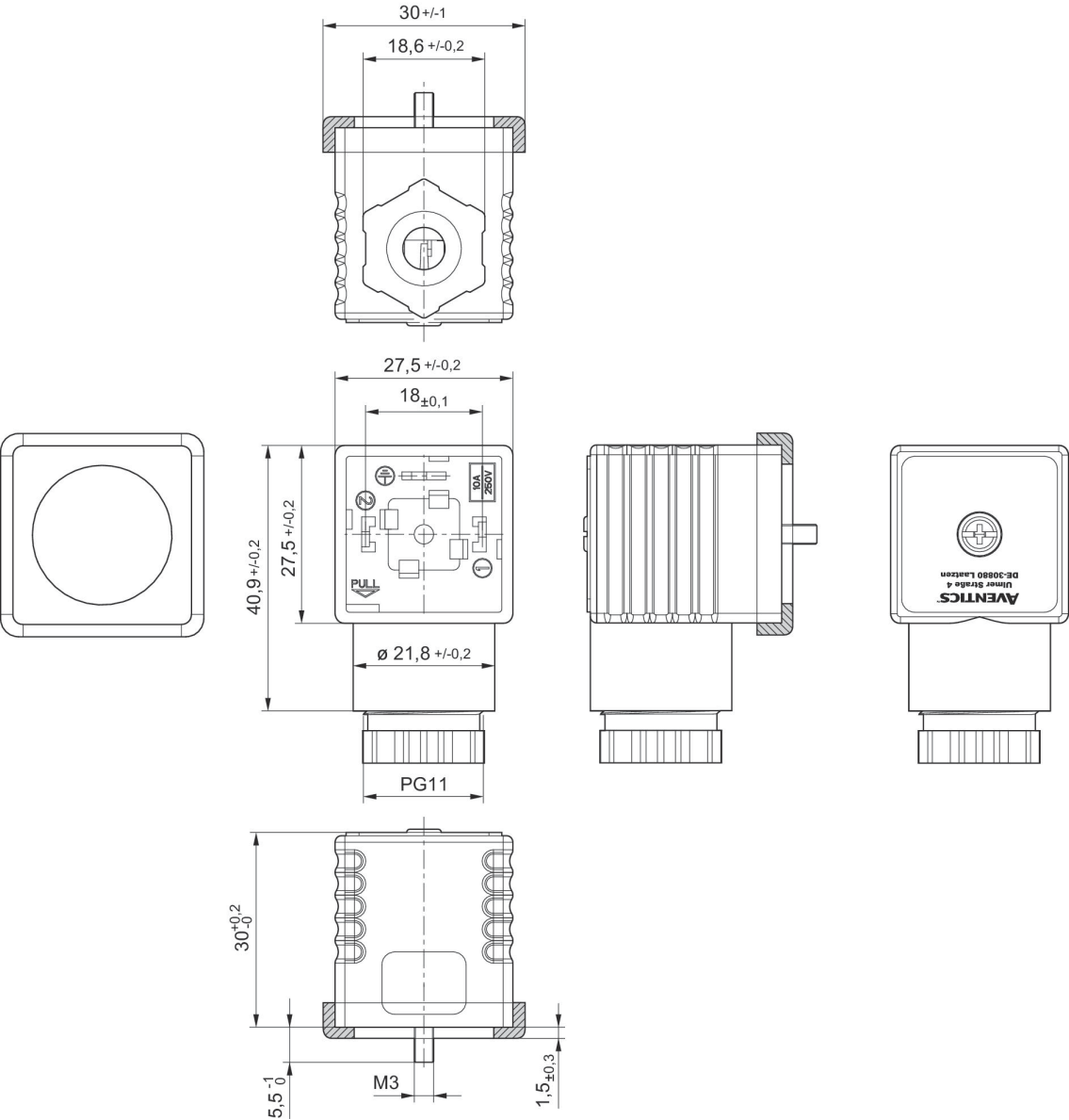
Valve plug connector, series CON-VP, Form A, 24 V AC/DC, Profile seal

Electrical connection 1: EN 175301-803, form A  
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                          | 9.5                        | 8941016102 |

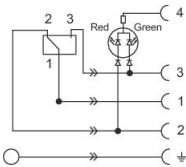
Dimensions



Profile seal

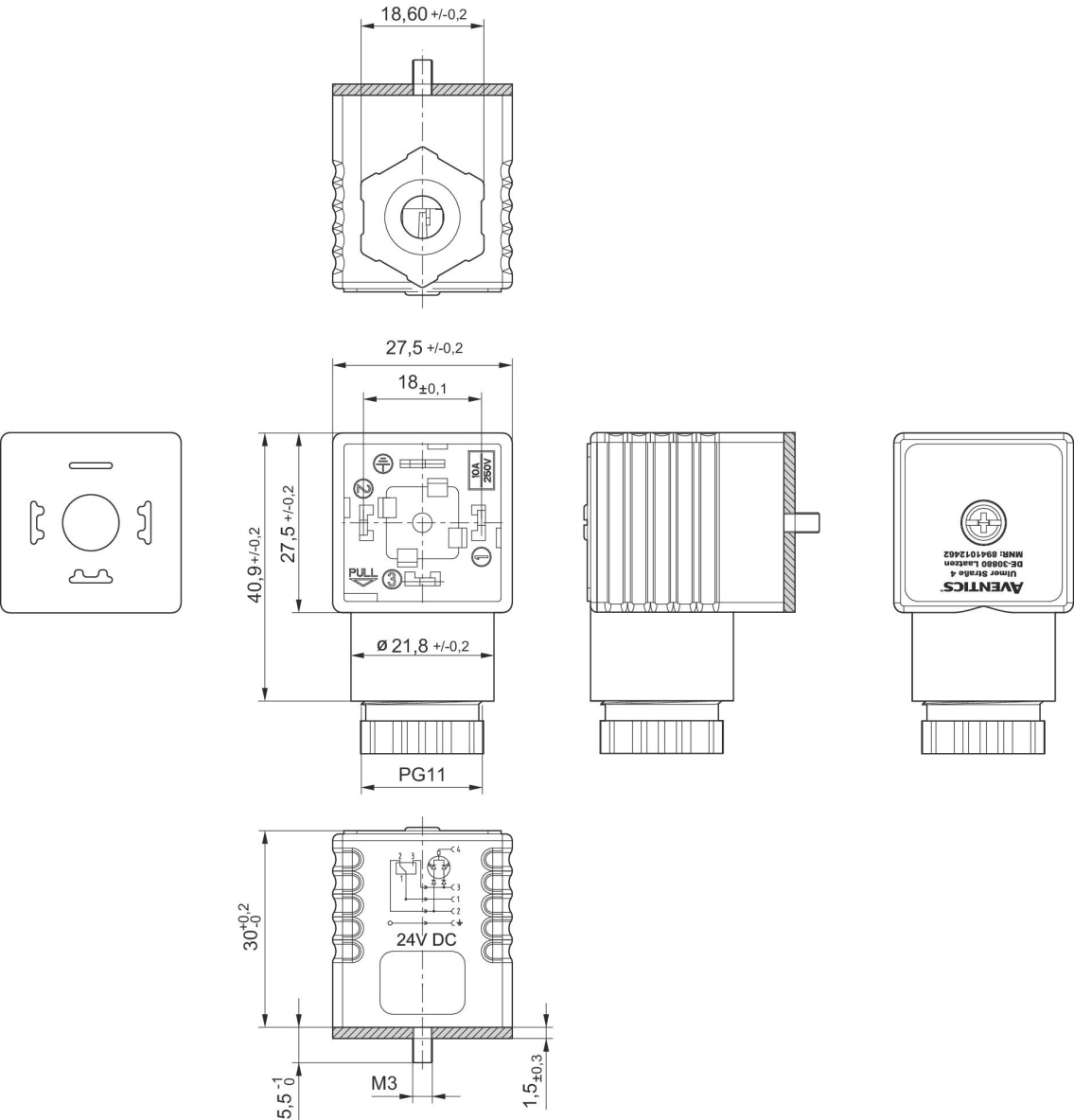
Valve plug connector, series CON-VP, Form A, 24 V DC

Electrical connection 1: EN 175301-803, form A  
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 DC             | 2 diodes (1 A)     | 1                | 3+E                | green/red          | 4                          | 9.5                        | 8941012462 |

Dimensions



Profile seal

Blanking piece



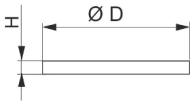
| Type           | Type  | Weight [kg] | Part No.   |
|----------------|-------|-------------|------------|
| Blanking piece | ISO 1 | 0.009       | R432038306 |
| Blanking piece | ISO 2 | 0.009       | R432037662 |
| Blanking piece | ISO 3 | 0.02        | R432037663 |

Separator set

Ambient temperature min./max.: -20 °C ... 70 °C



| Type | Type  | Delivery unit<br>[piece] | Weight<br>[kg] | Material | Part No.   |
|------|-------|--------------------------|----------------|----------|------------|
| a    | ISO 1 | 3                        | 0.012          | Brass    | 5801880000 |



| Part No.   | D    | H   |
|------------|------|-----|
| 5801880000 | 13,2 | 2   |
| 5802880000 | 17,2 | 2   |
| 5803880000 | 20,5 | 2,2 |
| 5804880000 | 24,5 | 2,2 |

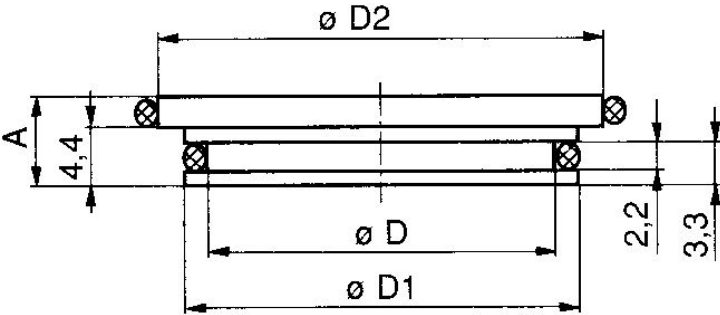
Blanking piece, Subbases ISO 5599-1

Ambient temperature min./max.: -25 °C ... 70 °C  
Working pressure min./max.: -0.95 bar ... 10 bar



| Type  | Material | Part No.   |
|-------|----------|------------|
| ISO 1 | Brass    | 8985049012 |
| ISO 2 | Brass    | 8985049022 |
| ISO 3 | Brass    | 8985049032 |

Dimensions



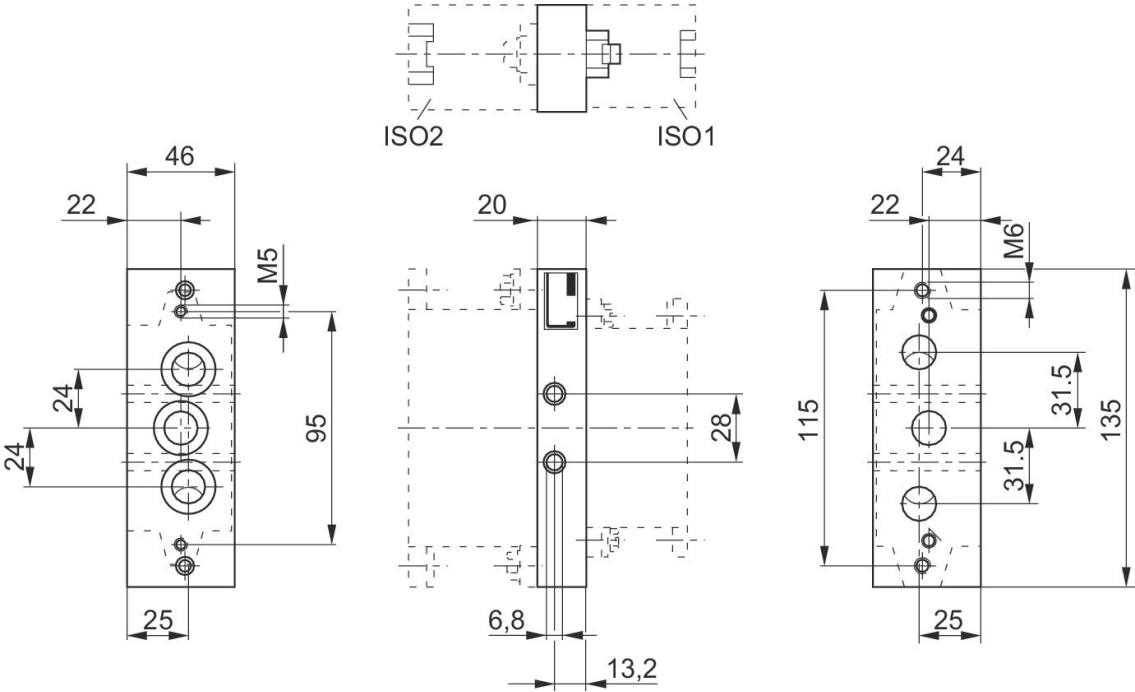
| Part No.    |       | A   | D    | D1   | D2   |
|-------------|-------|-----|------|------|------|
| 8985049012  | ISO 1 | 6.2 | 12.2 | 14.8 | 16.5 |
| 8985049022  | ISO 2 | 6.2 | 15.7 | 18.3 | 23   |
| 8985049032  | ISO 3 | 6.9 | 25.1 | 27.7 | 30   |
| tablefooter |       |     |      |      |      |

Transition plate, ISO 1 > ISO 2

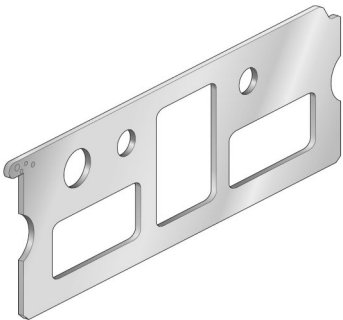


| Frame size    | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No.   |
|---------------|-------------------------------|-------------------------------|------------|
| ISO 1 > ISO 2 | -15                           | 70                            | 1825503164 |

Dimensions



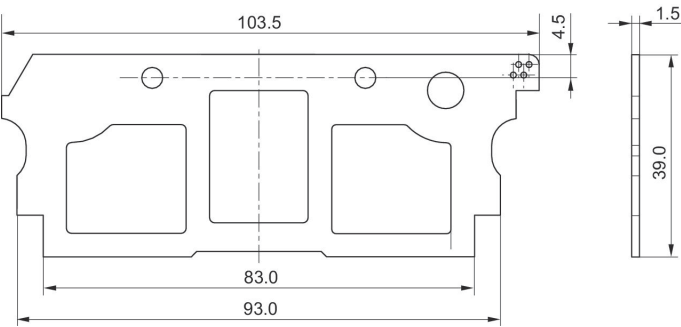
Transition plate, Series 355, ISO 2



| Type                           | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No. |
|--------------------------------|-------------------------------|-------------------------------|----------|
| Port 1, 3, 5 and 12 or 14 open | -10                           | 60                            | 88135508 |

88135508

Dimensions

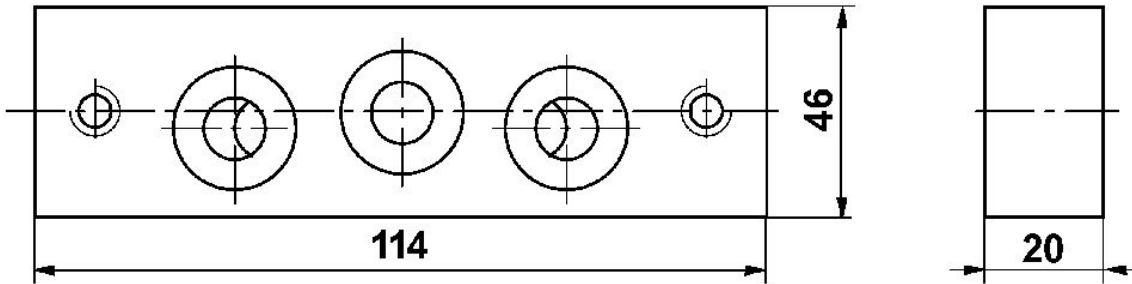


Transition plate, ISO 1, ISO 2

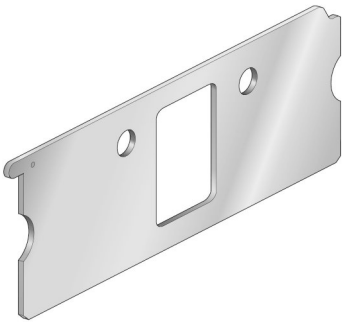


| Frame size   | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No.   |
|--------------|-------------------------------|-------------------------------|------------|
| ISO 1, ISO 2 | -20                           | 70                            | 5802520000 |

Dimensions



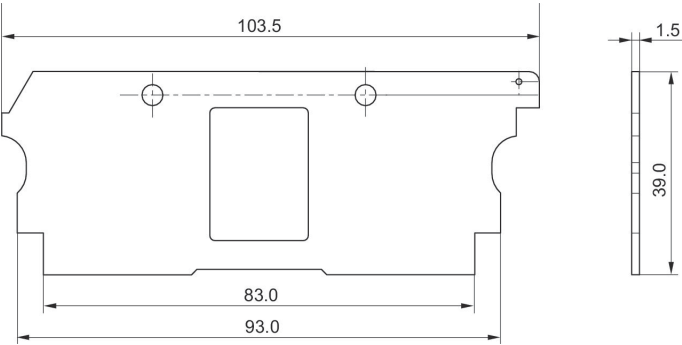
Transition plate, Series 355, ISO 2



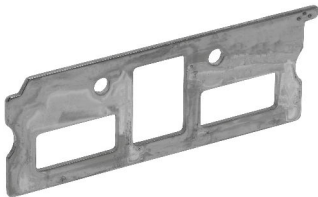
| Type        | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No. |
|-------------|------------|-------------------------------|-------------------------------|----------|
| Port 1 open | ISO 2      | -10                           | 60                            | 88135513 |

88135513

Dimensions



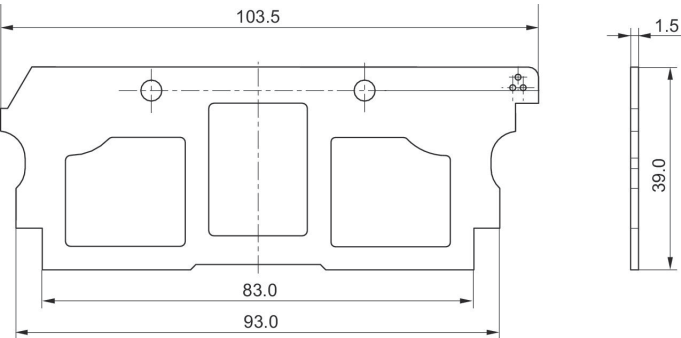
Transition plate, Series 355, ISO 2



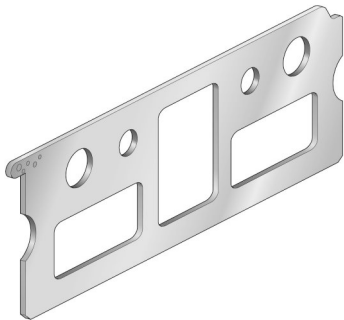
| Type              | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No. |
|-------------------|------------|-------------------------------|-------------------------------|----------|
| Port 1, 3, 5 open | ISO 2      | -10                           | 60                            | 88135507 |

88135507

Dimensions

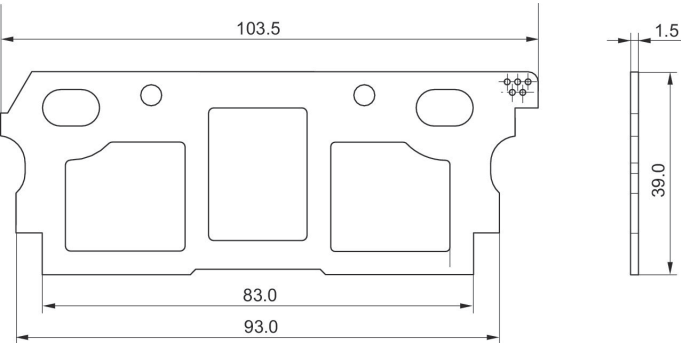


Transition plate, Series 355, ISO 2

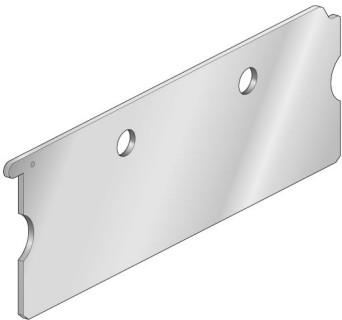


| Type                         | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No. |
|------------------------------|------------|-------------------------------|-------------------------------|----------|
| Port 1, 3, 5 and 12, 14 open | ISO 2      | -10                           | 60                            | 88135509 |

88135509



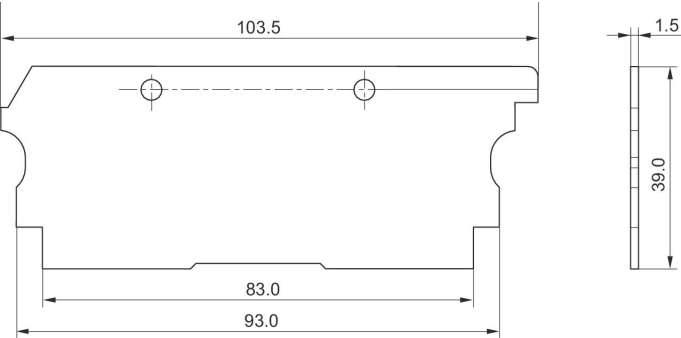
Transition plate, Series 355, ISO 2



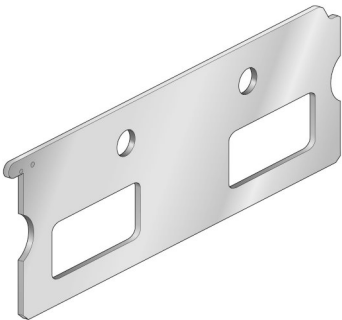
| Type           | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No. |
|----------------|------------|-------------------------------|-------------------------------|----------|
| Blanking plate | ISO 2      | -10                           | 60                            | 88135506 |

88135506

Dimensions



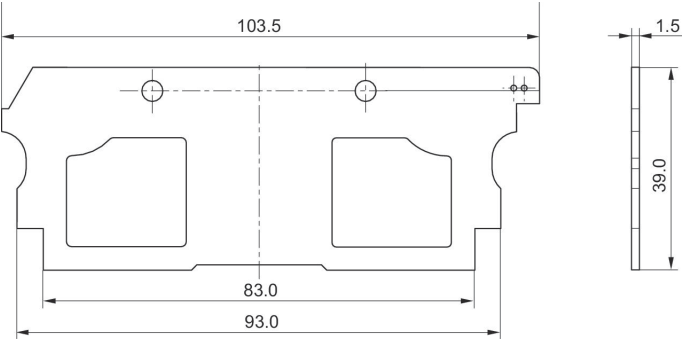
Transition plate, Series 355, ISO 2



| Type           | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No. |
|----------------|------------|-------------------------------|-------------------------------|----------|
| Port 3, 5 open | ISO 2      | -10                           | 60                            | 88135511 |

88135511

Dimensions

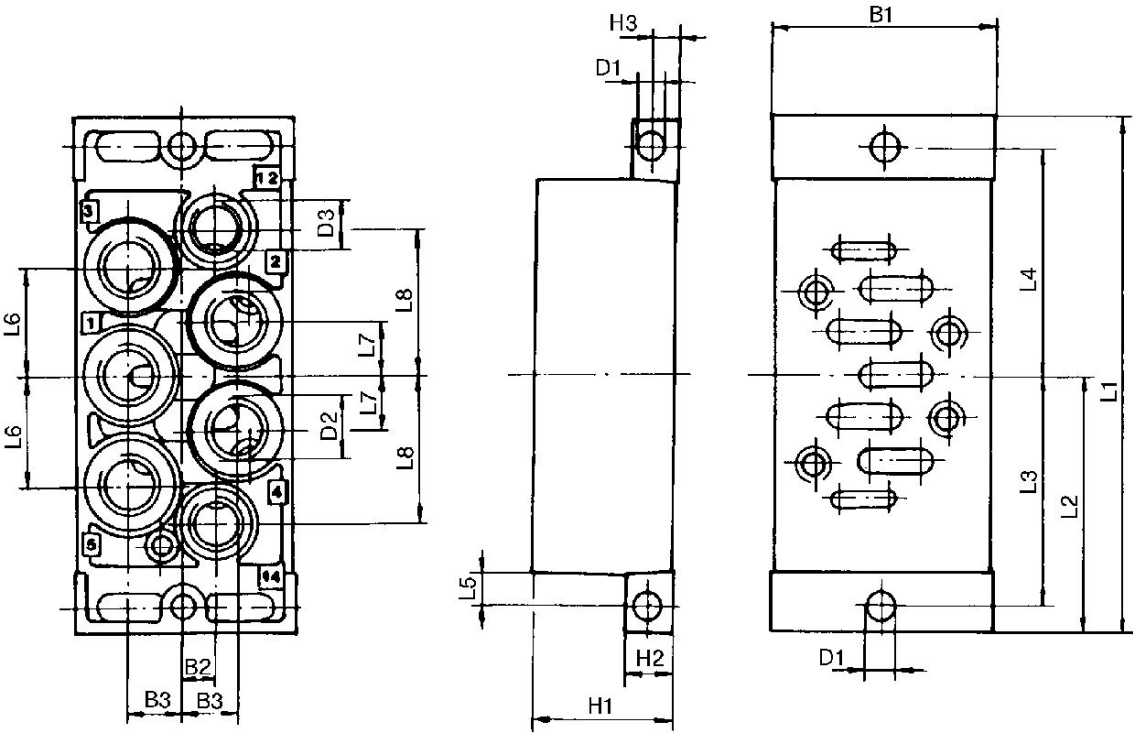


Single subbase, thread connections on the bottom



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection output | Compressed air connection, exhaust | Compressed air connection pilot air | Max. number of valve positions | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|----------------------------------|------------------------------------|-------------------------------------|--------------------------------|------------|
| ISO 1      | -25                           | 70                            | G 1/4                           | G 1/4                            | G 1/4                              | G 1/8                               | 1                              | 1825503201 |
| ISO 2      | -25                           | 70                            | G 3/8                           | G 3/8                            | G 3/8                              | G 1/8                               | 1                              | 1825503202 |
| ISO 3      | -25                           | 70                            | G 1/2                           | G 1/2                            | G 1/2                              | G 1/8                               | 1                              | 1825503203 |

Dimensions



| Part No.   |       | B1 | B2 | B3   | D1  | D2 *) | D3 *) | H1 | H2 |
|------------|-------|----|----|------|-----|-------|-------|----|----|
| 1825503201 | ISO 1 | 46 | 7  | 11.5 | 5.5 | G 1/4 | G 1/8 | 30 | 10 |
| 1825503202 | ISO 2 | 56 | 8  | 13.5 | 6.6 | G 3/8 | G 1/8 | 35 | 13 |
| 1825503203 | ISO 3 | 77 | 10 | 17   | 6.6 | G 1/2 | G 1/8 | 32 | 18 |

| Part No.   | H3  | L1  | L2   | L3 | L4 | L5  | L6 | L7   | L8   |
|------------|-----|-----|------|----|----|-----|----|------|------|
| 1825503201 | 5   | 110 | 55   | 49 | 49 | 7   | 23 | 11,5 | 31   |
| 1825503202 | 6,5 | 124 | 62   | 56 | 56 | 8,5 | 28 | 14   | 36,5 |
| 1825503203 | 9   | 149 | 74.5 | 68 | 68 | 8.5 | 34 | 17   | 45   |

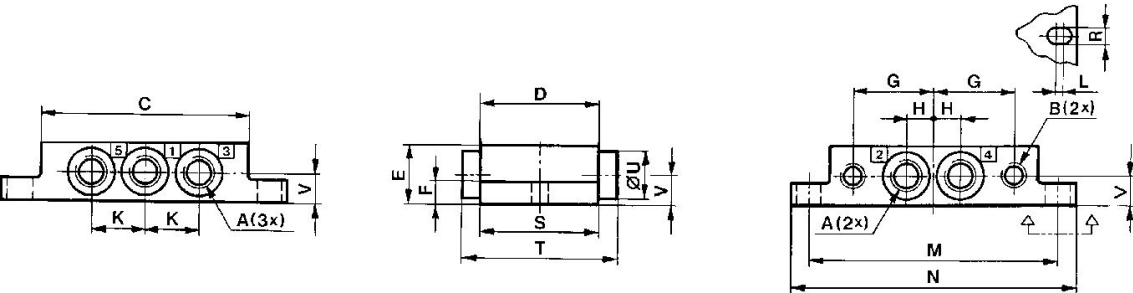
\*) Ports

Single subbase, ports on side



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection output | Compressed air connection, exhaust | Compressed air connection pilot air | Max. number of valve positions | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|----------------------------------|------------------------------------|-------------------------------------|--------------------------------|------------|
| ISO 2      | -20                           | 70                            | G 1/4                           | G 1/4                            | G 1/4                              | G 1/8                               | 1                              | 5802710000 |
| ISO 2      | -20                           | 70                            | G 3/8                           | G 3/8                            | G 3/8                              | G 1/8                               | 1                              | 5802740000 |

Dimensions



| Part No.   | A *)  | B *)  | C   | D  | E  | F  | G    | H    | K  |
|------------|-------|-------|-----|----|----|----|------|------|----|
| 5801710000 | G 1/8 | G 1/8 | 70  | 40 | 20 | 8  | 26.5 | 9    | 18 |
| 5801740000 | G 1/4 | G 1/8 | 70  | 40 | 23 | 11 | 31.5 | 11.5 | 23 |
| 5802710000 | G 1/4 | G 1/8 | 86  | 52 | 23 | 8  | 34   | 12   | 24 |
| 5802740000 | G 3/8 | G 1/8 | 86  | 50 | 30 | 13 | 39   | 15   | 30 |
| 5803710000 | G 3/8 | G 1/8 | 118 | 65 | 32 | 10 | 45   | 16   | 32 |
| 5804710000 | G 1/2 | G 1/8 | 142 | 76 | 37 | 10 | 55.5 | 20   | 40 |

| L | M   | N   | R   | S  | T  | U  | V    |
|---|-----|-----|-----|----|----|----|------|
| 2 | 84  | 96  | 5.4 | 40 | –  | –  | 10   |
| 2 | 96  | 110 | 5.4 | 46 | 64 | 21 | 12   |
| 2 | 102 | 115 | 6.4 | 52 | –  | –  | 11.5 |
| 2 | 111 | 124 | 6.4 | 56 | 80 | 27 | 16   |
| 2 | 138 | 153 | 8.4 | 65 | –  | –  | 17.5 |
| 2 | 175 | 190 | 8.4 | 76 | –  | –  | 21   |

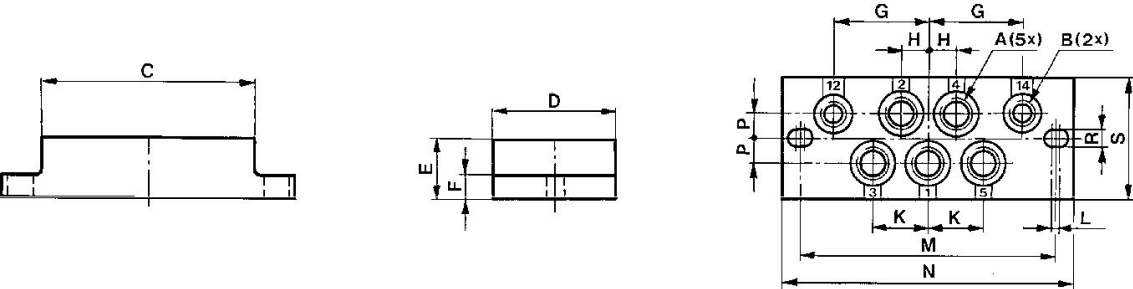
\*) Ports

Single subbase, ports on bottom



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection output | Compressed air connection, exhaust | Compressed air connection pilot air | Max. number of valve positions | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|----------------------------------|------------------------------------|-------------------------------------|--------------------------------|------------|
| ISO 2      | -20                           | 70                            | G 1/4                           | G 1/4                            | G 1/4                              | G 1/8                               | 1                              | 5802700000 |

Dimensions



| Part No.   | A *) | B *) | C   | D  | E  | F  | G    | H  | K  |
|------------|------|------|-----|----|----|----|------|----|----|
| 5801700000 | G1/8 | G1/8 | 70  | 40 | 20 | 8  | 26.5 | 9  | 18 |
| 5801800000 | Ø 6  | Ø 4  | 70  | 40 | 20 | 8  | 26.5 | 9  | 18 |
| 5802700000 | G1/4 | G1/8 | 86  | 52 | 22 | 8  | 34   | 12 | 24 |
| 5802800000 | Ø 8  | Ø 6  | 86  | 52 | 22 | 8  | 34   | 12 | 24 |
| 5803700000 | G3/8 | G1/8 | 118 | 65 | 32 | 10 | 45   | 16 | 32 |
| 5804700000 | G1/2 | G1/8 | 142 | 76 | 37 | 10 | 55.5 | 20 | 40 |

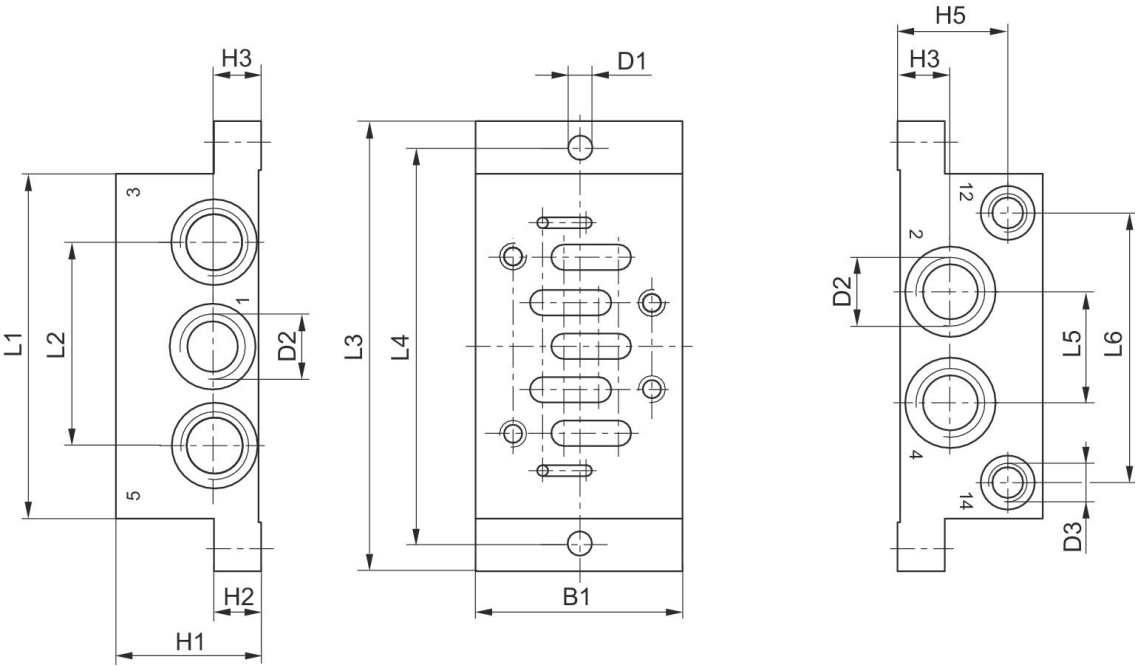
| L | M   | N   | P  | R   | S  |
|---|-----|-----|----|-----|----|
| 2 | 84  | 96  | 8  | 5.4 | 40 |
| 2 | 84  | 96  | 8  | 5.4 | 40 |
| 2 | 102 | 115 | 10 | 6.4 | 52 |
| 2 | 102 | 115 | 10 | 6.4 | 52 |
| 2 | 138 | 153 | 11 | 8.4 | 65 |
| 2 | 175 | 190 | 13 | 8.4 | 76 |

\*) Ports

Single subbase, thread connections on the side



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection output | Compressed air connection, exhaust | Compressed air connection pilot air | Max. number of valve positions | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|----------------------------------|------------------------------------|-------------------------------------|--------------------------------|------------|
| ISO 2      | -25                           | 70                            | G 3/8                           | G 3/8                            | G 3/8                              | G 1/8                               | 1                              | 1825503146 |



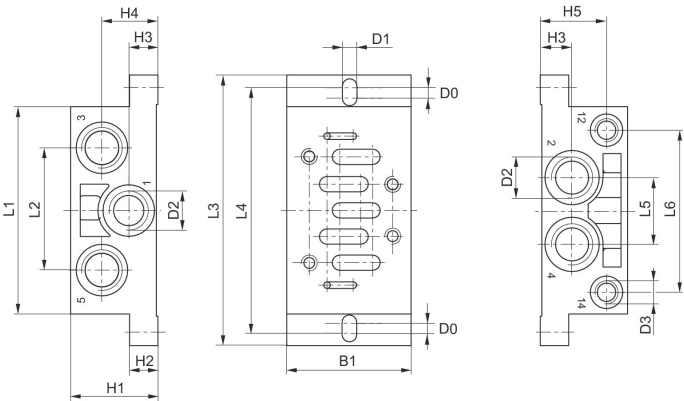
| Part No.   |       | B1 | H1 | H2 | H3 | H5 | D1  | D2 *) | D3 *) |
|------------|-------|----|----|----|----|----|-----|-------|-------|
| 1825503149 | ISO 3 | 71 | 32 | 18 | 17 | 22 | 6.6 | G 1/2 | G 1/8 |

| Part No.   | L1  | L2 | L3  | L4  | L5 | L6 |
|------------|-----|----|-----|-----|----|----|
| 1825503149 | 119 | 68 | 149 | 136 | 32 | 90 |

\*) Ports

1825503146

Dimensions

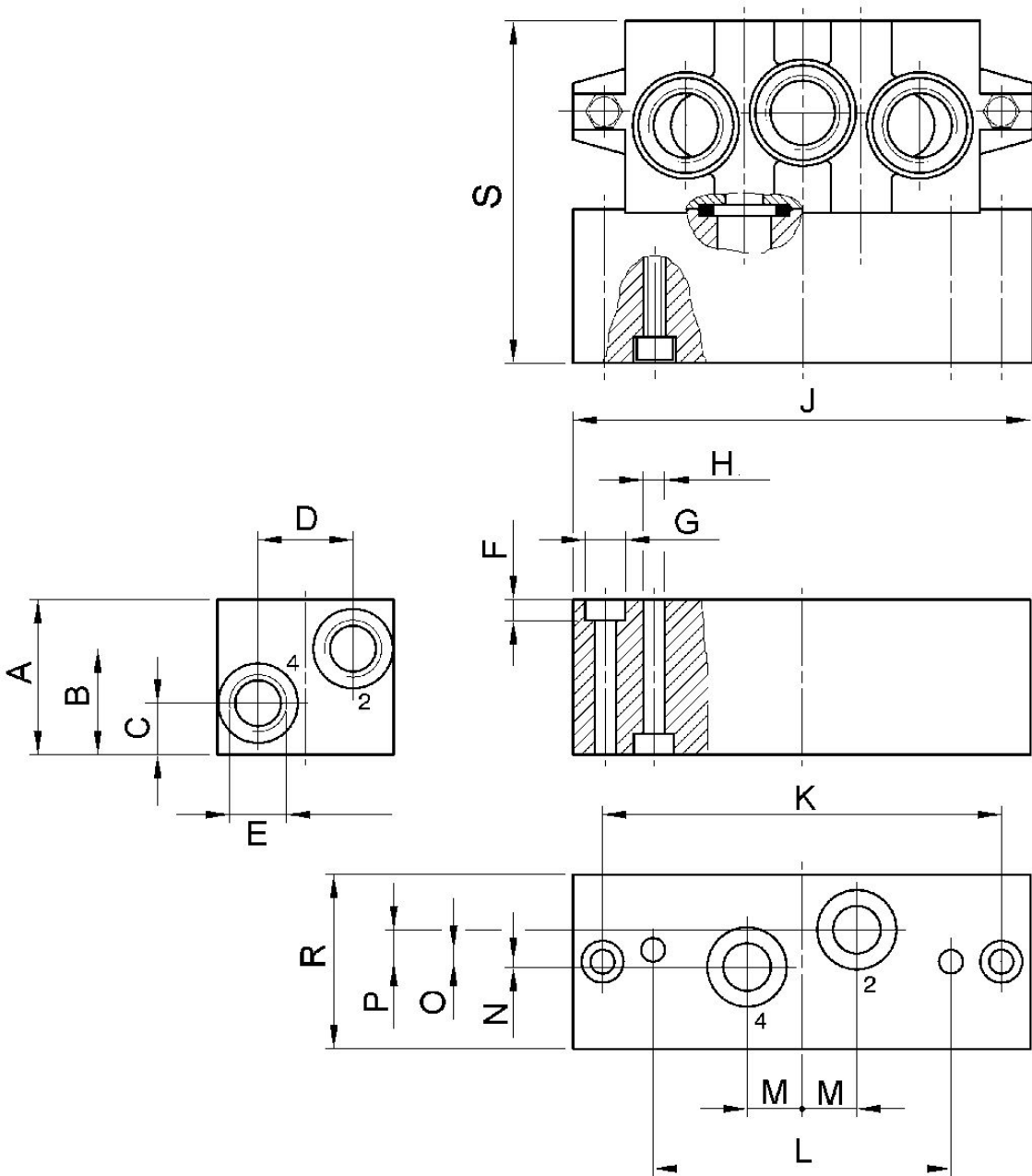


Angle subplate



| Compressed<br>air connec-<br>tion output | Connection<br>direction | Part No.   |
|------------------------------------------|-------------------------|------------|
| G 3/8                                    | On the side             | 1825503204 |

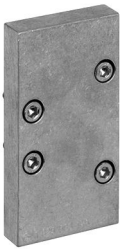
Dimensions



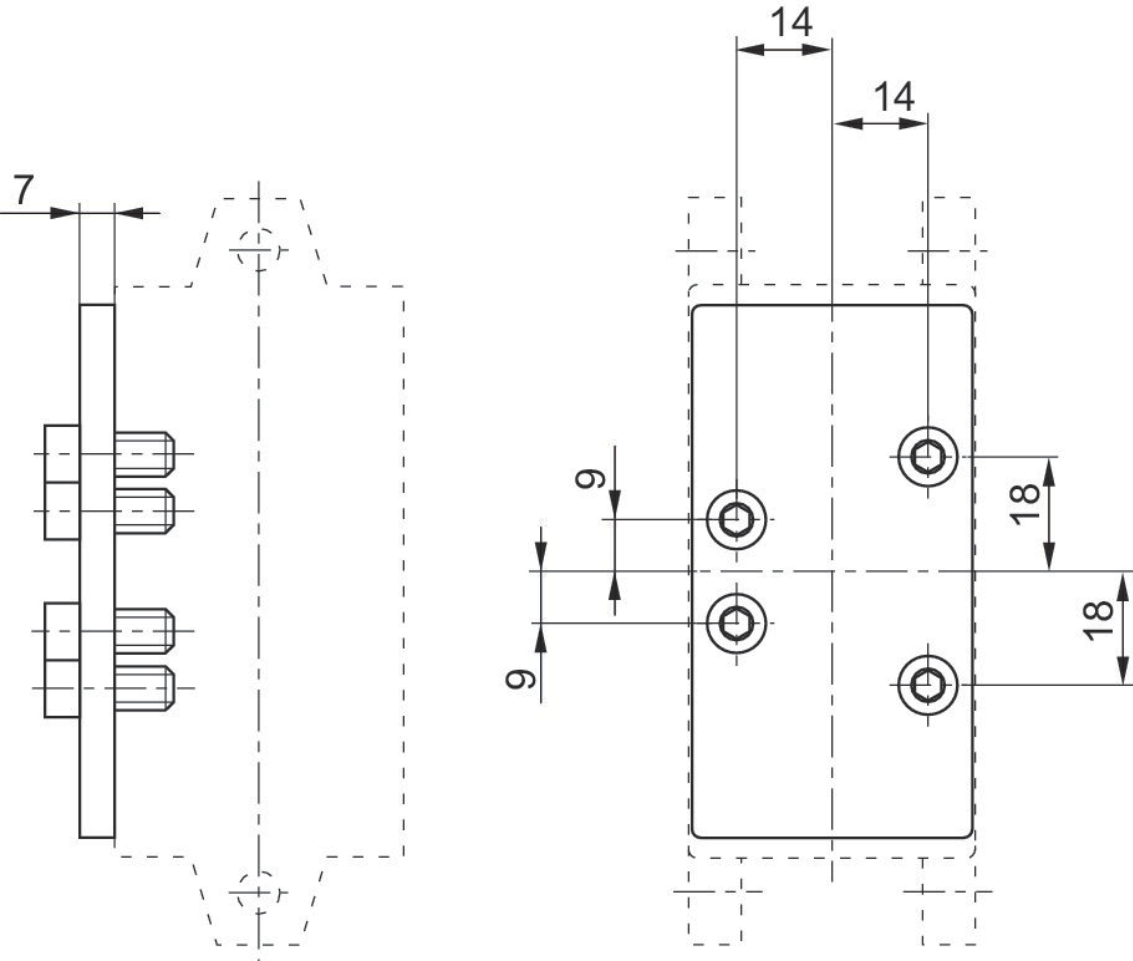
| Part No.   | A  | B  | C  | D  | E     | F   | G    | H     | J   |
|------------|----|----|----|----|-------|-----|------|-------|-----|
| 1825503170 | 37 | 25 | 12 | 22 | G 1/4 | 5,7 | Ø 10 | Ø 5,5 | 110 |
| 1825503204 | 40 | 26 | 14 | 29 | G 3/8 | 6,8 | Ø 11 | Ø 6,6 | 135 |
| 1825503205 | 45 | 29 | 17 | 36 | G 1/2 | 9   | Ø 15 | Ø 9   | 190 |

| K   | L   | M  | N   | O | P   | R  | S  |
|-----|-----|----|-----|---|-----|----|----|
| 95  | 71  | 13 | 1,5 | 3 | 7,5 | 42 | 81 |
| 115 | 86  | 15 | 5   | 3 | 6   | 55 | 85 |
| 168 | 130 | 19 | 6   | 3 | 8   | 70 | 99 |

Blanking plate



| Type           | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No.   |
|----------------|------------|-------------------------------|-------------------------------|------------|
| Blanking plate | ISO 2      | 0                             | 80                            | 1825503176 |
| Gasket ISO 2   |            | 0                             | 80                            | 1821A15032 |

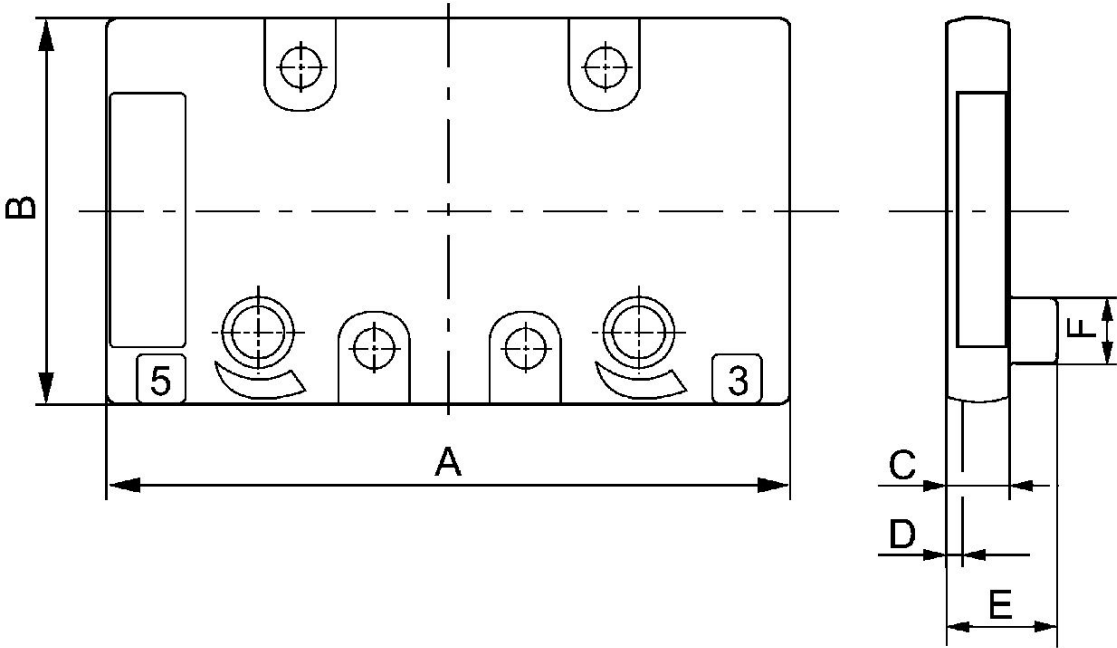


Blanking plate



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Max. number of valve positions | Part No.   |
|------------|-------------------------------|-------------------------------|--------------------------------|------------|
| ISO 2      | -20                           | 70                            | 1                              | 5802870000 |

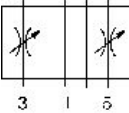
Dimensions



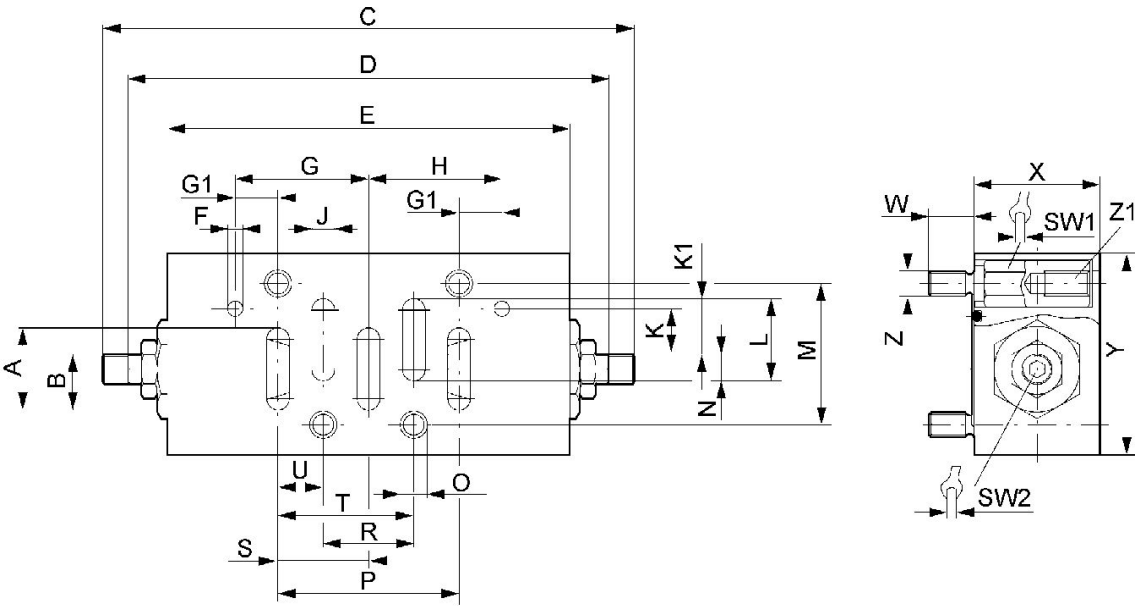
| Part No.   | A     | B    | C  | D | E  | F  |
|------------|-------|------|----|---|----|----|
| 5801870000 | 69    | 39   | 7  | 2 | –  | –  |
| 5802870000 | 86.4  | 49.4 | 9  | 2 | –  | –  |
| 5803870000 | 116.5 | 63.5 | 10 | 2 | 15 | 12 |
| 5804870000 | 142.5 | 74.5 | 10 | 2 | 20 | 15 |

Throttle plate



|                                                                                  | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No.   |
|----------------------------------------------------------------------------------|------------|-------------------------------|-------------------------------|------------|
|  | ISO 2      | 0                             | 80                            | 0821201024 |

Dimensions



| Part No.   | A    | B    | C     | D     | E   | F | G    | G1  | H    |
|------------|------|------|-------|-------|-----|---|------|-----|------|
| 0821201023 | 16.3 | 11,1 | 105.6 | 95.6  | 80  | 3 | 26,5 | 8.5 | 26.5 |
| 0821201024 | 22   | 13,5 | 128.6 | 118.6 | 102 | 3 | 34   | 10  | 34   |
| 0821201025 | 29   | 16,5 | 189.9 | 169.9 | 140 | 4 | 45   | 13  | 45   |

| Part No.   | J   | K    | K1   | L    | M  | N    | O   | P  | R  |
|------------|-----|------|------|------|----|------|-----|----|----|
| 0821201023 | 4.5 | 9    | 10.8 | 16.3 | 28 | 5.5  | 5.2 | 36 | 18 |
| 0821201024 | 7   | 10   | 13.5 | 22   | 38 | 8.5  | 6.2 | 48 | 24 |
| 0821201025 | 10  | 11.5 | 16.5 | 29   | 48 | 12.5 | 8.2 | 64 | 32 |

| Part No.   | S  | SW1 | SW2 | T  | U  | W  | X  | Y  | Z  |
|------------|----|-----|-----|----|----|----|----|----|----|
| 0821201023 | 18 | 8   | 3   | 27 | 9  | 9  | 25 | 40 | M5 |
| 0821201024 | 24 | 9   | 3   | 36 | 12 | 9  | 25 | 55 | M6 |
| 0821201025 | 32 | 11  | 4   | 48 | 16 | 14 | 35 | 70 | M8 |

| Part No.   | Weight | Z1    |
|------------|--------|-------|
| 0821201023 |        | M5-9  |
| 0821201024 |        | M6-10 |
| 0821201025 |        | M8-14 |

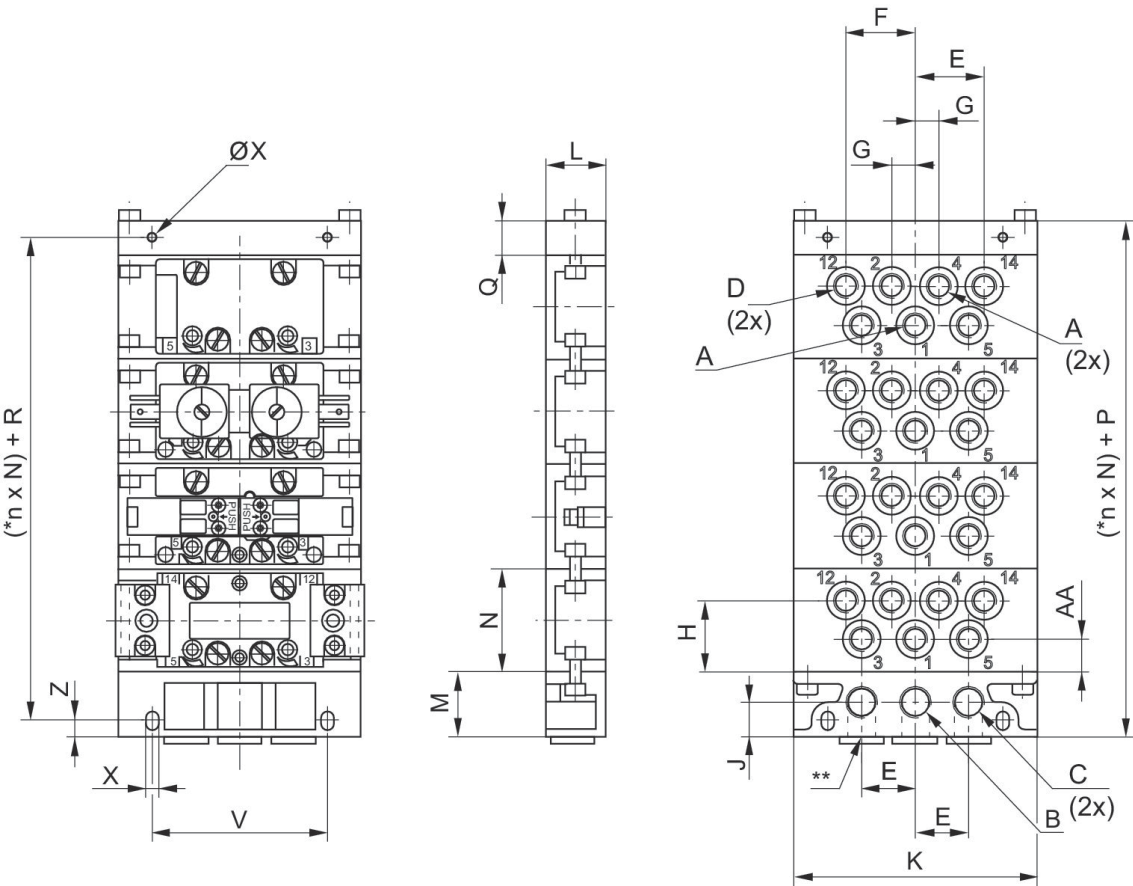
Intermediate plate for separate air supply, ports 2 and 4 on bottom



| Type                                       | Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection output | Compressed air connection, exhaust | Compressed air connection pilot air | Part No.   |
|--------------------------------------------|------------|-------------------------------|-------------------------------|---------------------------------|----------------------------------|------------------------------------|-------------------------------------|------------|
| Intermediate plate for separate air supply | ISO 2      | -20                           | 70                            | G 1/4                           | G 1/4                            | G 1/4                              | G 1/8                               | 5802670000 |
| Intermediate plate for separate air supply | ISO 2      | -20                           | 70                            | G 3/8                           | G 3/8                            | G 3/8                              | G 1/8                               | 5802680000 |

| Max. number of valve positions | Part No.   |
|--------------------------------|------------|
| 1                              | 5802670000 |
| 1                              | 5802680000 |

Dimensions



\* n = Number of subbases. \*\* Alternative port openings, closed with plugs

| Part No.   | ISO   | A     | B     | C     | D     | E  | F    | G    | H    |
|------------|-------|-------|-------|-------|-------|----|------|------|------|
| 5801670000 | ISO 1 | G 1/8 | G 1/4 | G 1/4 | G 1/8 | 22 | 28.5 | 9.5  | 29.5 |
| 5801680000 | ISO 1 | G 1/4 | G 3/8 | G 3/8 | G 1/8 | 27 | 40   | 12.5 | 26.5 |
| 5802670000 | ISO 2 | G 1/4 | G 3/8 | G 3/8 | G 1/8 | 27 | 39   | 13.5 | 38   |
| 5802680000 | ISO 2 | G 3/8 | G 1/2 | G 1/2 | G 1/8 | 36 | 52   | 17   | 33   |

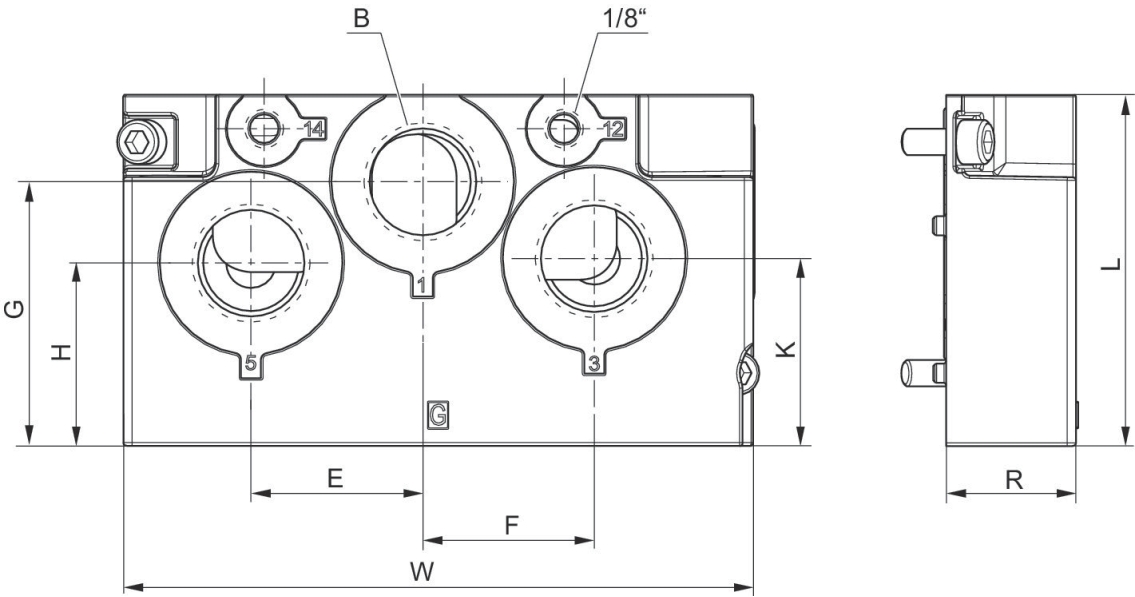
| Part No.   | J    | K   | L  | M  | N  | P  | Q  | R    | V   |
|------------|------|-----|----|----|----|----|----|------|-----|
| 5801670000 | 14.5 | 100 | 25 | 27 | 43 | 41 | 14 | 27.5 | 72  |
| 5801680000 | 20   | 122 | 30 | 34 | 43 | 49 | 15 | 34   | 94  |
| 5802670000 | 20   | 122 | 28 | 34 | 56 | 49 | 15 | 34   | 94  |
| 5802680000 | 22   | 156 | 37 | 39 | 56 | 59 | 20 | 40   | 118 |

| Part No.   | X   | Z  | AA |
|------------|-----|----|----|
| 5801670000 | 5.4 | 7  | 8  |
| 5801680000 | 6.4 | 8  | 10 |
| 5802670000 | 6.4 | 8  | 18 |
| 5802680000 | 8.4 | 10 | 33 |

End plate left



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|------------|
| ISO 1      | -15                           | 70                            | G 3/8                           | G 3/8                              | R432037645 |
| ISO 2      | -15                           | 70                            | G 3/4                           | G 3/4                              | R432037647 |
| ISO 3      | -15                           | 70                            | G 1                             | G 1                                | R432037649 |



| Part No.   | B   | E  | F  | G    | H    | J  | K    | L    | R  |
|------------|-----|----|----|------|------|----|------|------|----|
| R432037645 | 3/8 | 23 | 18 | 15.5 | 30   | 20 | 37.5 | 60.6 | 25 |
| R432037647 | 3/4 | 39 | 39 | 60   | 41.5 | 38 | 42.5 | 79.7 | 32 |
| R432037649 | 1   | 49 | 49 | 76   | 53   | 32 | 53   | 100  | 37 |

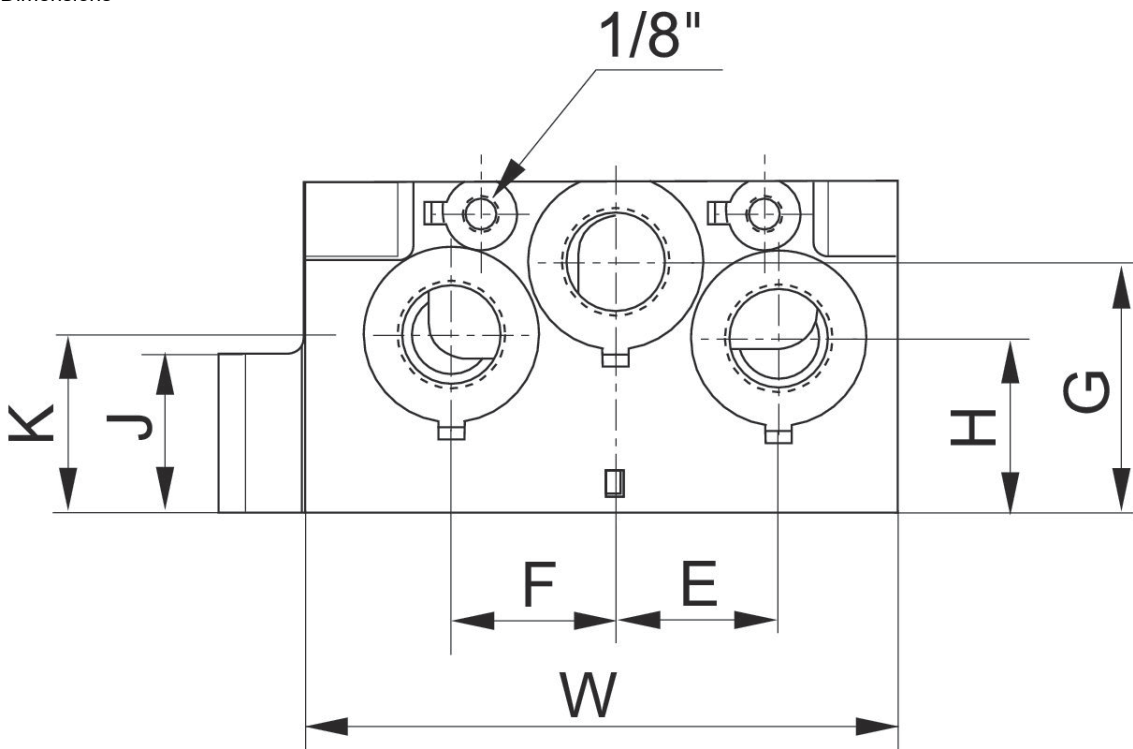
| W   |
|-----|
| 135 |
| 143 |
| 164 |

End plate left, Inch version



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|------------|
| ISO 1      | -15                           | 70                            | 3/8 NPT                         | 3/8 NPT                            | R432037646 |
| ISO 2      | -15                           | 70                            | 3/4 NPT                         | 3/4 NPT                            | R432037648 |
| ISO 3      | -15                           | 70                            | 1 NPT                           | 1 NPT                              | R432037650 |

Dimensions



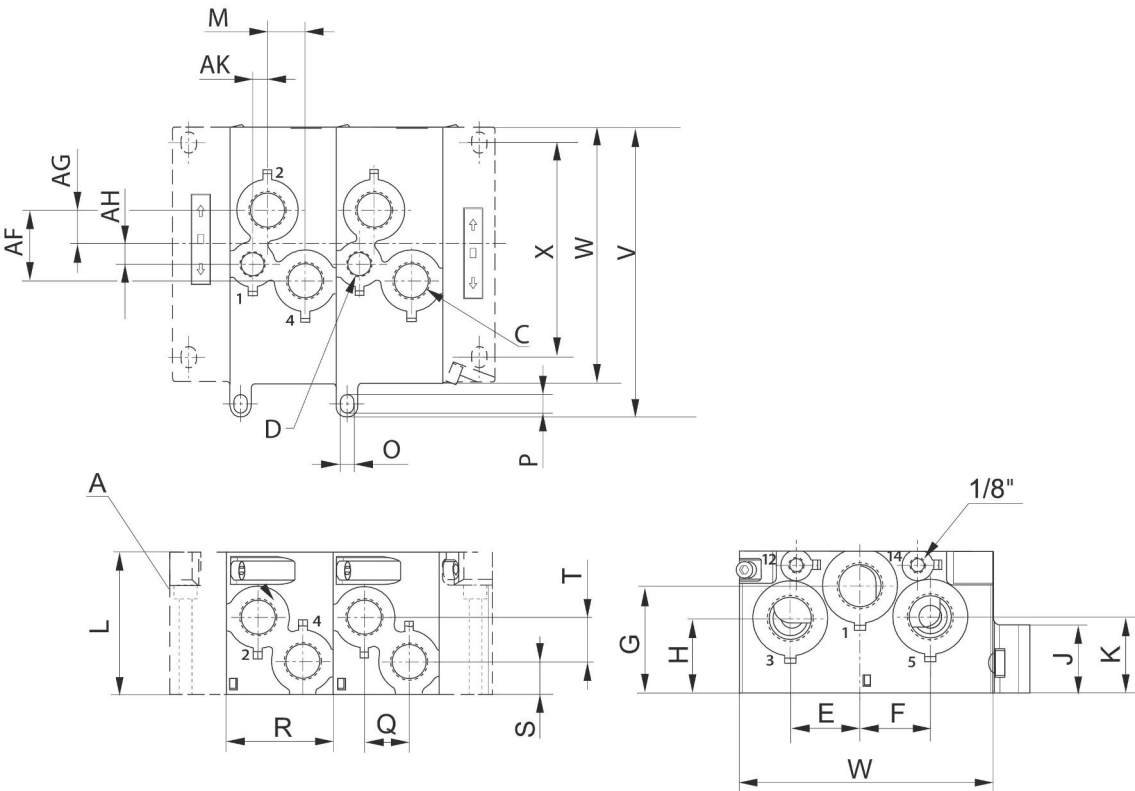
| Part No.   | E  | F  | G    | H    | J  | K    | W   |
|------------|----|----|------|------|----|------|-----|
| R432037646 | 23 | 18 | 15.5 | 30   | 20 | 37.5 | 135 |
| R432037648 | 39 | 39 | 60   | 41.5 | 38 | 42.5 | 143 |
| R432037650 | 49 | 49 | 76   | 53   | 32 | 53   | 164 |

Base plate



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection output | Part No.   |
|------------|-------------------------------|-------------------------------|----------------------------------|------------|
| ISO 1      | -20                           | 70                            | G 3/8                            | R432037639 |
| ISO 2      | -20                           | 70                            | G 1/2                            | R432037641 |
| ISO 3      | -20                           | 70                            | G 3/4                            | R432037643 |

Dimensions



A = left and right end plates in two versions

| Part No.   | A     | D     | C     | AF   | AG   | AH   | AK   | E  | F  |
|------------|-------|-------|-------|------|------|------|------|----|----|
| R432037639 | G 1/4 | -     | G 3/8 | 23.8 | 11.8 | -    | -    | 23 | 18 |
| R432037641 | G 1/2 | G 3/8 | G 1/2 | 39.5 | 19   | 11   | 8.2  | 39 | 39 |
| R432037643 | G 3/4 | G 1/2 | G 3/4 | 46.3 | 25.1 | 11.2 | 15.8 | 49 | 49 |

| G    | H    | J  | K    | L    | M    | O   | P   | R    | Q  |
|------|------|----|------|------|------|-----|-----|------|----|
| 15,5 | 30   | 20 | 37,5 | 60.6 | 12   | 5.5 | 8.5 | 45   | 18 |
| 60   | 41,5 | 38 | 42,5 | 79.7 | 21   | 5.5 | 9.3 | 59.5 | 25 |
| 76   | 53   | 32 | 53   | 100  | 22.5 | 6.3 | 9.3 | 80   | 38 |

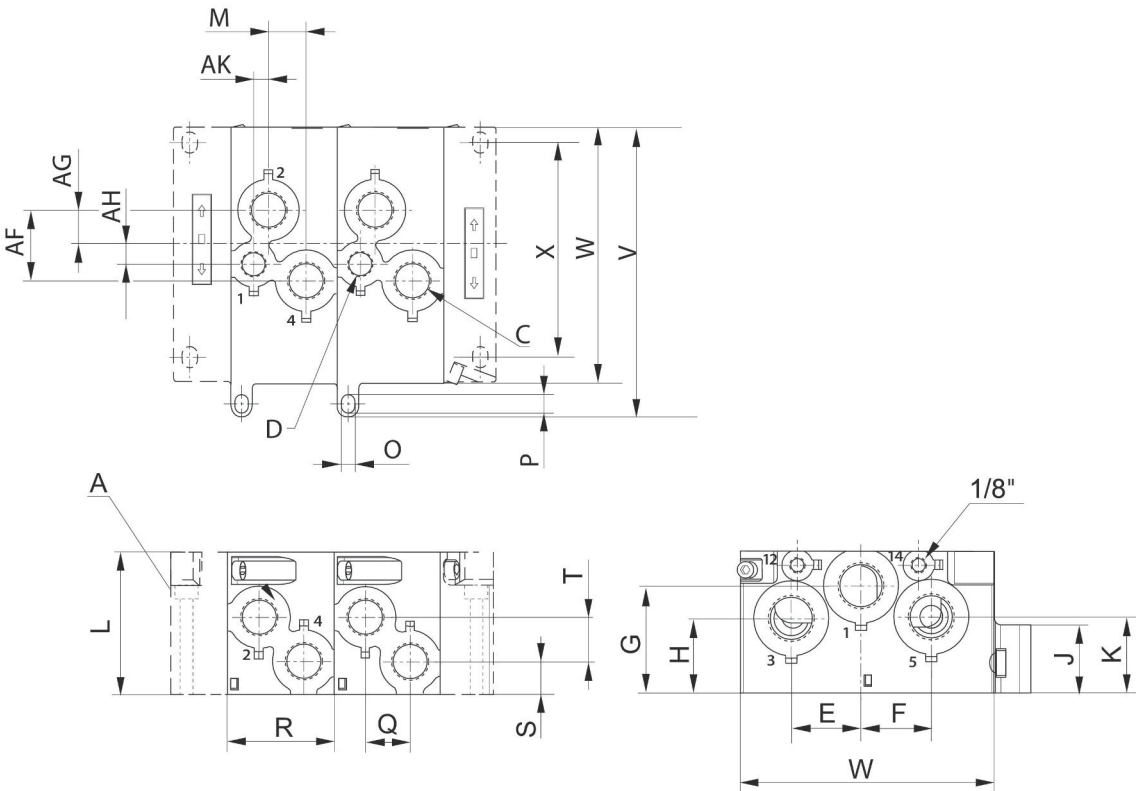
| S    | T    | X     | W   | V     |
|------|------|-------|-----|-------|
| 13.3 | 14.7 | 102,5 | 135 | 150   |
| 18   | 24.8 | 119,6 | 143 | 162,5 |
| 24.5 | 20.5 | 99    | 164 | 183   |

ISO 5599-1, Base and end plates, Inch version



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection output | Part No.   |
|------------|-------------------------------|-------------------------------|----------------------------------|------------|
| ISO 1      | -20                           | 70                            | 3/8 NPT                          | R432037640 |
| ISO 2      | -20                           | 70                            | 1/2 NPT                          | R432037642 |
| ISO 3      | -20                           | 70                            | 3/4 NPT                          | R432037644 |

Dimensions

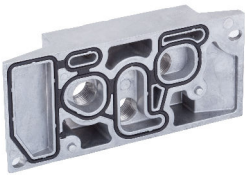


A = left and right end plates in two versions

| Part No.   | A       | D       | C       | F    | G    | H    | K    | L    | M    |
|------------|---------|---------|---------|------|------|------|------|------|------|
| R432037640 | 1/4 NPT | -       | 3/8 NPT | 23.8 | 11.8 | -    | -    | 60.6 | 12   |
| R432037642 | 1/2 NPT | 3/8 NPT | 1/2 NPT | 39.5 | 19   | 11   | 8.2  | 79.7 | 21   |
| R432037644 | 3/4 NPT | 1/2 NPT | 3/4 NPT | 46.3 | 25.1 | 11.2 | 15.8 | 100  | 22.5 |

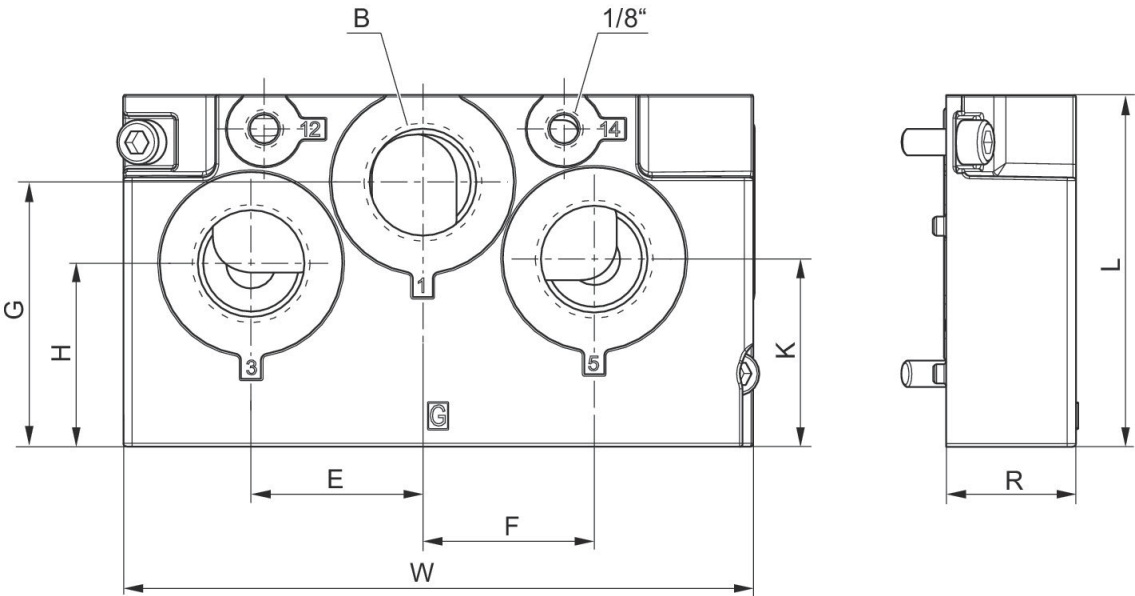
| Part No.   | O   | P   | R    | Q  | S    | T    |
|------------|-----|-----|------|----|------|------|
| R432037640 | 5.5 | 8.5 | 45   | 18 | 13.3 | 14.7 |
| R432037642 | 5.5 | 9.3 | 59.5 | 25 | 18   | 24.8 |
| R432037644 | 6.3 | 9.3 | 80   | 38 | 24.5 | 20.5 |

End plate right



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|------------|
| ISO 1      | -15                           | 70                            | G 3/8                           | G 3/8                              | R432037651 |
| ISO 2      | -15                           | 70                            | G 3/4                           | G 3/4                              | R432037653 |
| ISO 3      | -15                           | 70                            | G 1                             | G 1                                | R432037655 |

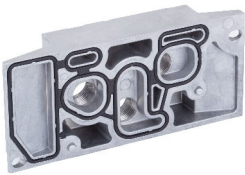
Dimensions



| Part No.   | B   | E  | F  | G    | H    | J  | K    | R    | L    |
|------------|-----|----|----|------|------|----|------|------|------|
| R432037651 | 3/8 | 23 | 18 | 15.5 | 30   | 20 | 37.5 | 25   | 60.6 |
| R432037653 | 3/4 | 39 | 39 | 60   | 41.5 | 38 | 42.5 | 29.5 | 79.7 |
| R432037655 | 1   | 49 | 49 | 76   | 53   | 32 | 53   | 36   | 100  |

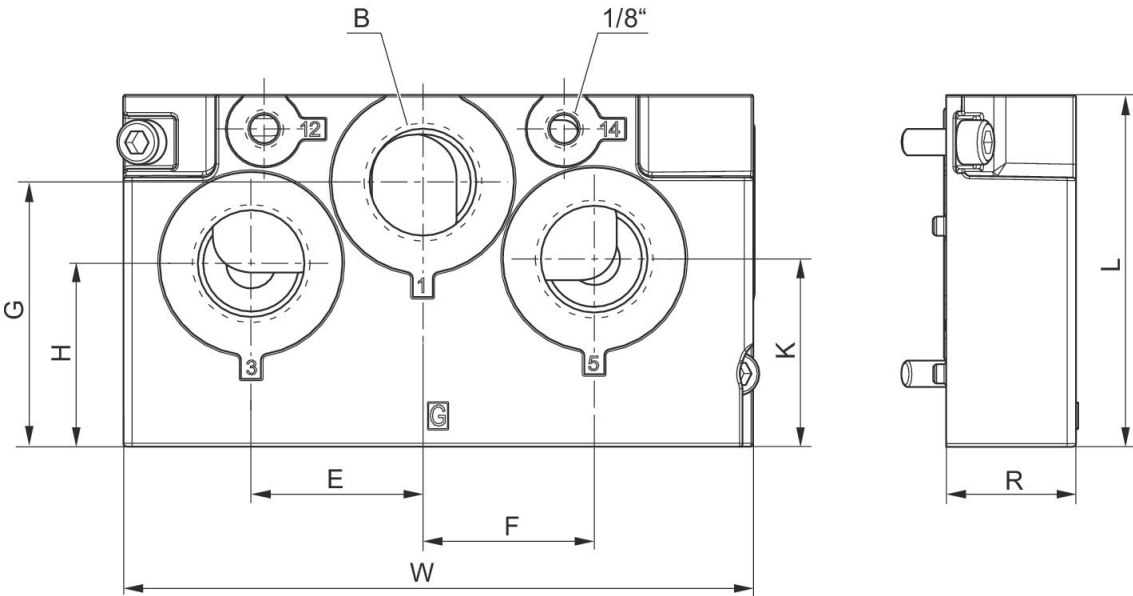
| W   |
|-----|
| 135 |
| 143 |
| 164 |

End plate right, Inch version



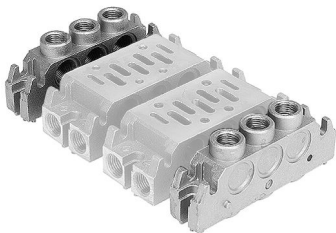
| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|------------|
| ISO 1      | -15                           | 70                            | 3/8 NPT                         | 3/8 NPT                            | R432037652 |
| ISO 2      | -15                           | 70                            | 3/4 NPT                         | 3/4 NPT                            | R432037654 |
| ISO 3      | -15                           | 70                            | 1 NPT                           | 1 NPT                              | R432037656 |

Dimensions



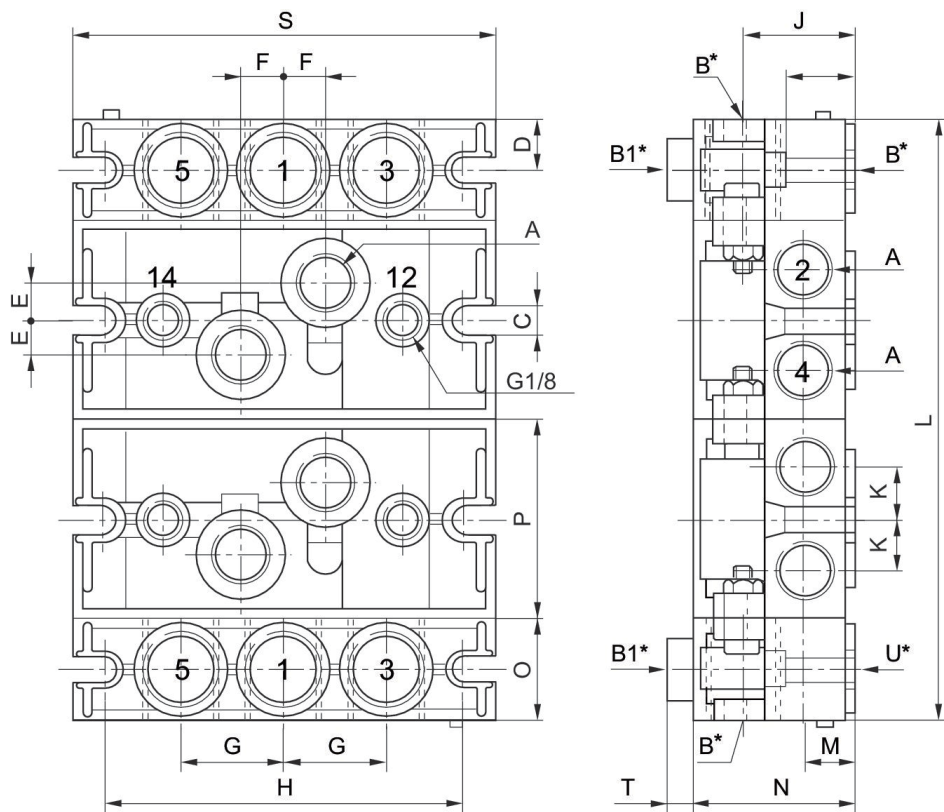
| Part No.   | E  | F  | G    | H    | J  | K    | W   |
|------------|----|----|------|------|----|------|-----|
| R432037652 | 23 | 18 | 15.5 | 30   | 20 | 37.5 | 135 |
| R432037654 | 39 | 39 | 60   | 41.5 | 38 | 42.5 | 143 |
| R432037656 | 49 | 49 | 76   | 53   | 32 | 53   | 53  |

End plate left, End plate right



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|------------|
| ISO 2      | -20                           | 70                            | G 1/2                           | G 1/2                              | 5802510000 |

Dimensions



| Part No.   |       | A         | B*        | B1*       | C   | D    | E   | F  | G  |
|------------|-------|-----------|-----------|-----------|-----|------|-----|----|----|
| 5801510000 | ISO 1 | 2 x G 1/4 | 3 x G 3/8 | 3 x G 1/4 | 5.5 | 11   | 5.5 | 9  | 22 |
| 5802510000 | ISO 2 | 2 x G 3/8 | 3 x G 1/2 | 3 x G 1/4 | 6.5 | 14.5 | 10  | 12 | 29 |

| Part No.   | H   | J  | K  | L           | M  | N  | O  | P    | R  |
|------------|-----|----|----|-------------|----|----|----|------|----|
| 5801510000 | 92  | 24 | 12 | n x 43 + 44 | 12 | 36 | 22 | 45.7 | 17 |
| 5802510000 | 102 | 32 | 15 | n x 56 + 58 | 15 | 43 | 29 | 56   | 20 |

| Part No.   | S   | T | U*        |
|------------|-----|---|-----------|
| 5801510000 | 106 | 8 | 3 x G 3/8 |
| 5802510000 | 120 | 7 | 3 x G 1/2 |

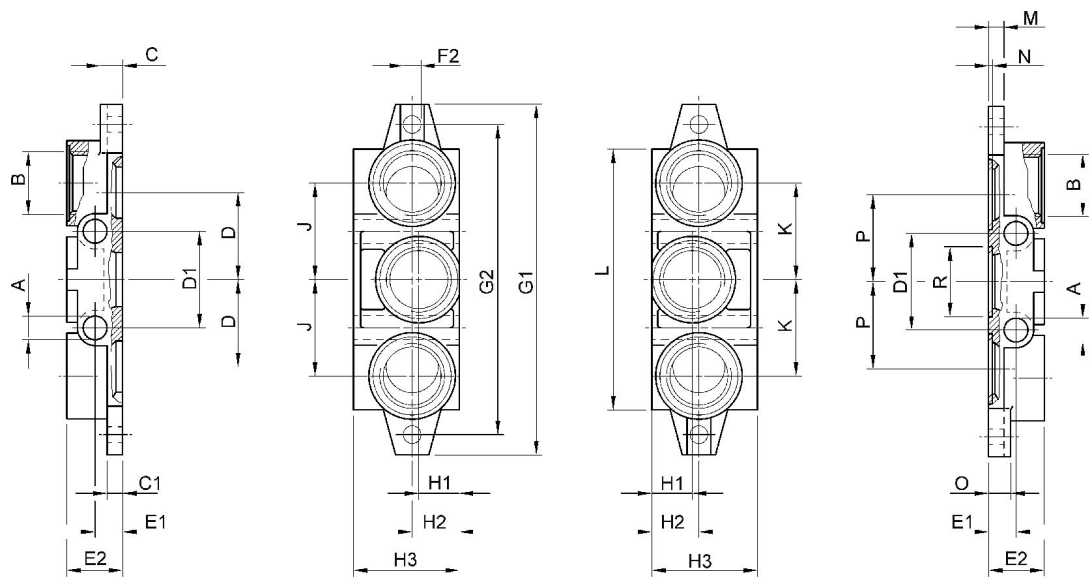
n = number of subbases  
\*Dimensions B, B1, and U are prepared with threaded connections but must be drilled through as required for the desired porting configuration.

End plate left, End plate right



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|------------|
| ISO 2      | -15                           | 70                            | G 1/2                           | G 1/2                              | 1825503148 |

Dimensions

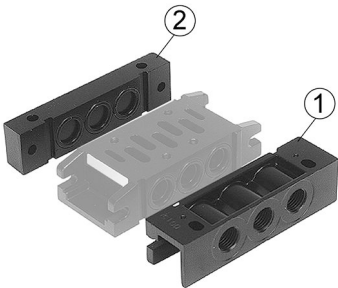


| Part No.   | A  | B     | C  | C1 | D    | D1 | E1 | E2 | F2    |
|------------|----|-------|----|----|------|----|----|----|-------|
| 1825503145 | 7  | G 3/8 | 8  | 6  | 24   | 28 | 11 | 22 | Ø 5,5 |
| 1825503148 | 9  | G 1/2 | 11 | 8  | 31,5 | 35 | 13 | 26 | Ø 6,6 |
| 1825503151 | 12 | G 1   | 12 | 8  | 47   | 52 | 15 | 32 | Ø 9   |
| 8985041442 | 12 | G 1   | 19 | 12 | 54   | 56 | 15 | 30 | Ø 11  |

| G1  | G2  | H1 | H2 | H3 | J  | K  | L   | M  | N   |
|-----|-----|----|----|----|----|----|-----|----|-----|
| 110 | 95  | 22 | 22 | 46 | 28 | 28 | 85  | 6  | 2   |
| 135 | 115 | 23 | 24 | 47 | 34 | 34 | 100 | 8  | 2   |
| 190 | 168 | 22 | 25 | 56 | 52 | 52 | 140 | 8  | 2,7 |
| 215 | 148 | 30 | 30 | 58 | 54 | 54 |     | 12 | 2,7 |

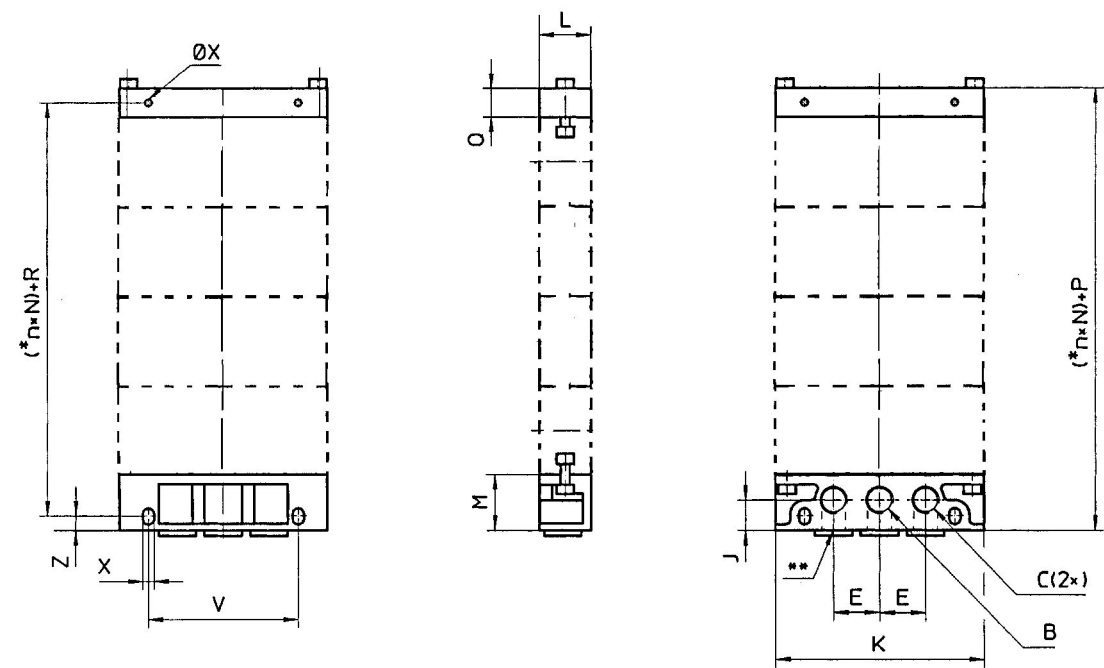
| O  | P    | R      |
|----|------|--------|
| 8  | 24   | Ø 22,1 |
| 11 | 31,5 | Ø 28,7 |
| 12 | 47   | Ø 38   |
| 19 | 54   | Ø 44,1 |

End plate left, End plate right



| Frame size   | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection, exhaust | Part No.   |
|--------------|-------------------------------|-------------------------------|---------------------------------|------------------------------------|------------|
| ISO 1, ISO 2 | -20                           | 70                            | G 3/8                           | G 3/8                              | 5802850000 |
| ISO 1, ISO 2 | -20                           | 70                            |                                 |                                    | 5802860000 |

Dimensions



\* n = Number of subbases. \*\* Alternative port openings, closed with plugs

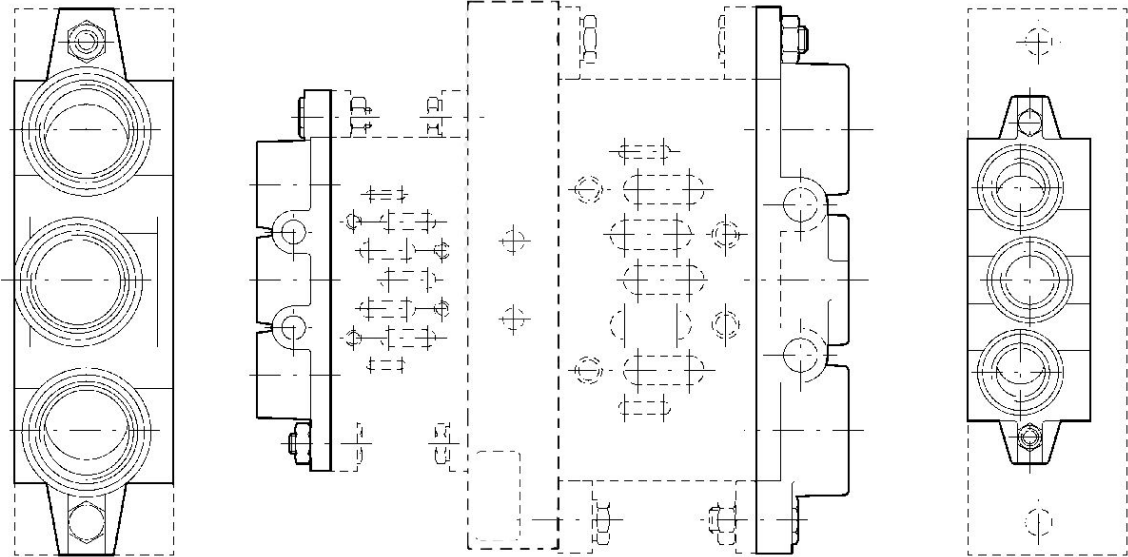
| Part No.   |               | B     | C     | E  | J    | K   | L  | M  | P  |
|------------|---------------|-------|-------|----|------|-----|----|----|----|
| 5801850000 | ISO 1         | G 1/4 | G 1/4 | 22 | 14.5 | 100 | 25 | 27 | 41 |
| 5801860000 | ISO 1         | -     | -     | -  | -    | 100 | 25 | -  | 41 |
| 5802850000 | ISO 1 , ISO 2 | G 3/8 | G 3/8 | 27 | 20   | 122 | 30 | 34 | 49 |
| 5802860000 | ISO 1 , ISO 2 | -     | -     | -  | -    | 122 | 29 | -  | 49 |
| 5803850000 | ISO 2 , ISO 3 | G 1/2 | G 1/2 | 36 | 22   | 156 | 37 | 39 | 59 |
| 5803860000 | ISO 2 , ISO 3 | -     | -     | -  | -    | 156 | 37 | -  | 59 |
| 5804850000 | ISO 3 , ISO 4 | G 3/4 | G 3/4 | 44 | 24   | 190 | 42 | 44 | 64 |
| 5804860000 | ISO 3 , ISO 4 | -     | -     | -  | -    | 190 | 42 | -  | 64 |

| Q  | R    | V   | X   | Z  | Weight |
|----|------|-----|-----|----|--------|
| -  | 27.5 | 72  | 5.4 | 7  |        |
| 14 | 27.5 | 72  | 5.4 | -  |        |
| -  | 34   | 94  | 6.4 | 8  |        |
| 15 | 34   | 94  | 6.4 | -  |        |
| -  | 40   | 118 | 8.4 | 10 |        |
| 20 | 40   | 118 | 8.4 | -  |        |
| -  | 45   | 146 | 8.4 | 10 |        |
| 20 | 45   | 146 | 8.4 | -  |        |

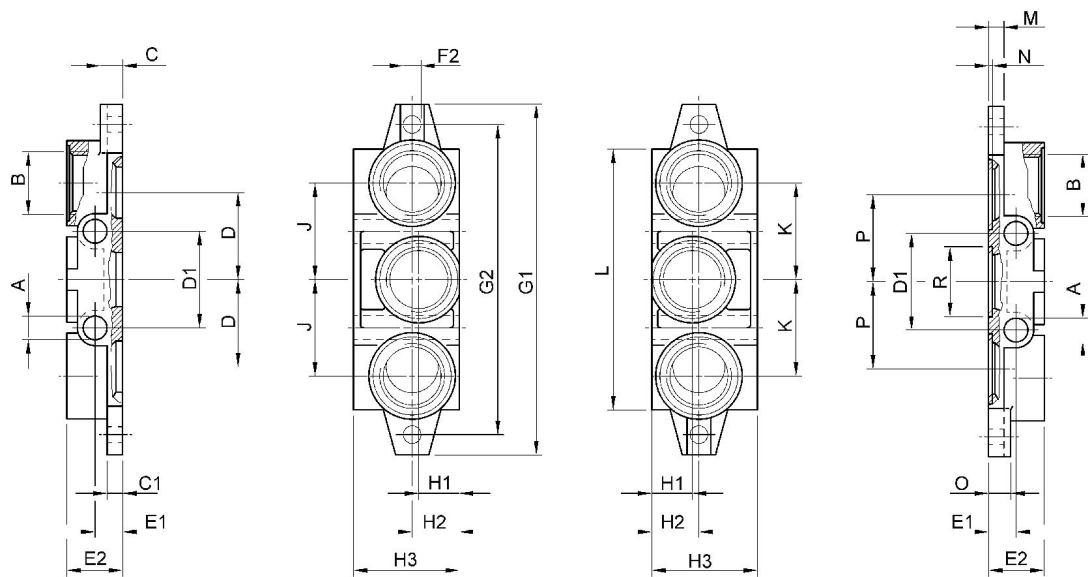
End plates for adapter plate



| Frame size   | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Part No.   |
|--------------|-------------------------------|-------------------------------|------------|
| ISO 1, ISO 2 | -15                           | 70                            | 1825503244 |



Dimensions



|       | A  | B     | C  | C1 | D    | D1 | E1 | E2 | F2    |
|-------|----|-------|----|----|------|----|----|----|-------|
| ISO 1 | 7  | G 3/8 | 8  | 6  | 24   | 28 | 11 | 22 | Ø 5,5 |
| ISO 2 | 9  | G 1/2 | 11 | 8  | 31,5 | 35 | 13 | 26 | Ø 6,6 |
| ISO 3 | 12 | G 1   | 12 | 8  | 47   | 52 | 15 | 32 | Ø 9   |

| G1  | G2  | H1 | H2 | H3 | J  | K  | L   | M | N   |
|-----|-----|----|----|----|----|----|-----|---|-----|
| 110 | 95  | 22 | 22 | 46 | 28 | 28 | 85  | 6 | 2   |
| 135 | 115 | 23 | 24 | 47 | 34 | 34 | 100 | 8 | 2   |
| 190 | 168 | 22 | 25 | 56 | 52 | 52 | 140 | 8 | 2,7 |

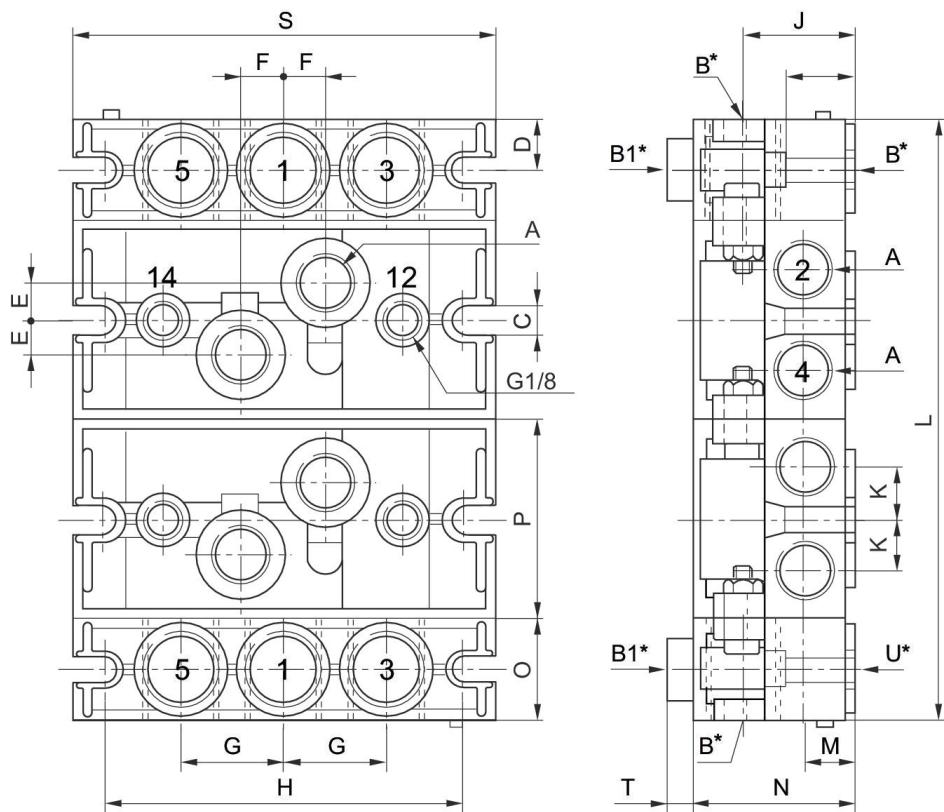
| O  | P    | R      |
|----|------|--------|
| 8  | 24   | Ø 22,1 |
| 11 | 31,5 | Ø 28,7 |
| 12 | 47   | Ø 38   |

Base plate, Ports 2 and 4 side or bottom



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection input | Compressed air connection output | Compressed air connection, exhaust | Compressed air connection pilot air | Max. number of valve positions | Part No.   |
|------------|-------------------------------|-------------------------------|---------------------------------|----------------------------------|------------------------------------|-------------------------------------|--------------------------------|------------|
| ISO 2      | -20                           | 70                            | G 3/8                           | G 3/8                            | G 3/8                              | G 1/8                               | 1                              | 5802500000 |

Dimensions



| Part No.   |       | A         | B         | B1        | C   | D    | E   | F  | G  |
|------------|-------|-----------|-----------|-----------|-----|------|-----|----|----|
| 5801500000 | ISO 1 | 2 x G 1/4 | 3 x G 3/8 | 3 x G 1/4 | 5.5 | 11   | 5.5 | 9  | 22 |
| 5802500000 | ISO 2 | 2 x G 3/8 | 3 x G 1/2 | 3 x G 3/8 | 6.5 | 14.5 | 10  | 12 | 29 |

| Part No.   | H   | J  | K  | L           | M  | N    | O  | P    | R  |
|------------|-----|----|----|-------------|----|------|----|------|----|
| 5801500000 | 92  | 24 | 12 | n x 43 + 44 | 12 | 36   | 22 | 45.7 | 17 |
| 5802500000 | 102 | 32 | 15 | n x 56 + 58 | 15 | 45.7 | 29 | 56   | 20 |

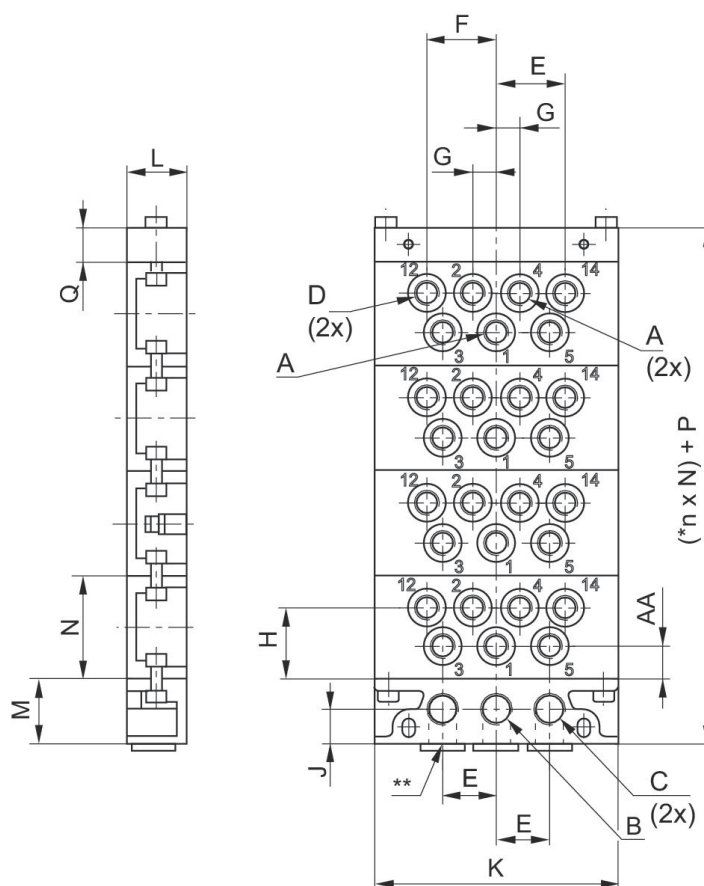
| Part No.   | S   | T |
|------------|-----|---|
| 5801500000 | 106 | 8 |
| 5802500000 | 120 | 7 |

n = number of subbases

Base plate, ports 2 and 4 on bottom



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection output | Compressed air connection pilot air | Max. number of valve positions | Part No.   |
|------------|-------------------------------|-------------------------------|----------------------------------|-------------------------------------|--------------------------------|------------|
| ISO 2      | -20                           | 70                            | G 3/8                            | G 1/8                               | 1                              | 5802750000 |



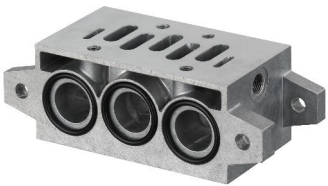
| Part No.   | * |       | A     | B     | C     | D     | E  | F    | G    |
|------------|---|-------|-------|-------|-------|-------|----|------|------|
| 5801720000 | a | ISO 1 | G 1/8 | G 1/4 | G 1/4 | G 1/8 | 22 | 28.5 | 9.5  |
| 5801750000 | b | ISO 1 | G 1/4 | G 3/8 | G 3/8 | G 1/8 | 27 | 40   | 12.5 |
| 5802720000 | b | ISO 2 | G 1/4 | G 3/8 | G 3/8 | G 1/8 | 27 | 39   | 13.5 |
| 5802750000 | c | ISO 2 | G 3/8 | G 1/2 | G 1/2 | G 1/8 | 36 | 52   | 17   |
| 5803750000 | d | ISO 3 | G 1/2 | G 3/4 | G 3/4 | G 1/8 | 44 | 62   | 20.5 |

| H    | J    | K   | L  | M  | N  | P  | Q  | R    | V   |
|------|------|-----|----|----|----|----|----|------|-----|
| 29.5 | 14.5 | 100 | 25 | 27 | 43 | 41 | 14 | 27.5 | 72  |
| 26.5 | 20   | 122 | 30 | 34 | 43 | 49 | 15 | 34   | 94  |
| 38   | 20   | 122 | 30 | 34 | 56 | 49 | 15 | 34   | 94  |
| 33   | 22   | 156 | 37 | 39 | 56 | 59 | 20 | 40   | 118 |
| 42   | 24   | 190 | 40 | 44 | 71 | 64 | 20 | 45   | 146 |

| X   | Z  | AA |
|-----|----|----|
| 5.4 | 7  | 8  |
| 6.4 | 8  | 10 |
| 6.4 | 8  | 18 |
| 8.4 | 10 | 13 |
| 8.4 | 10 | —  |

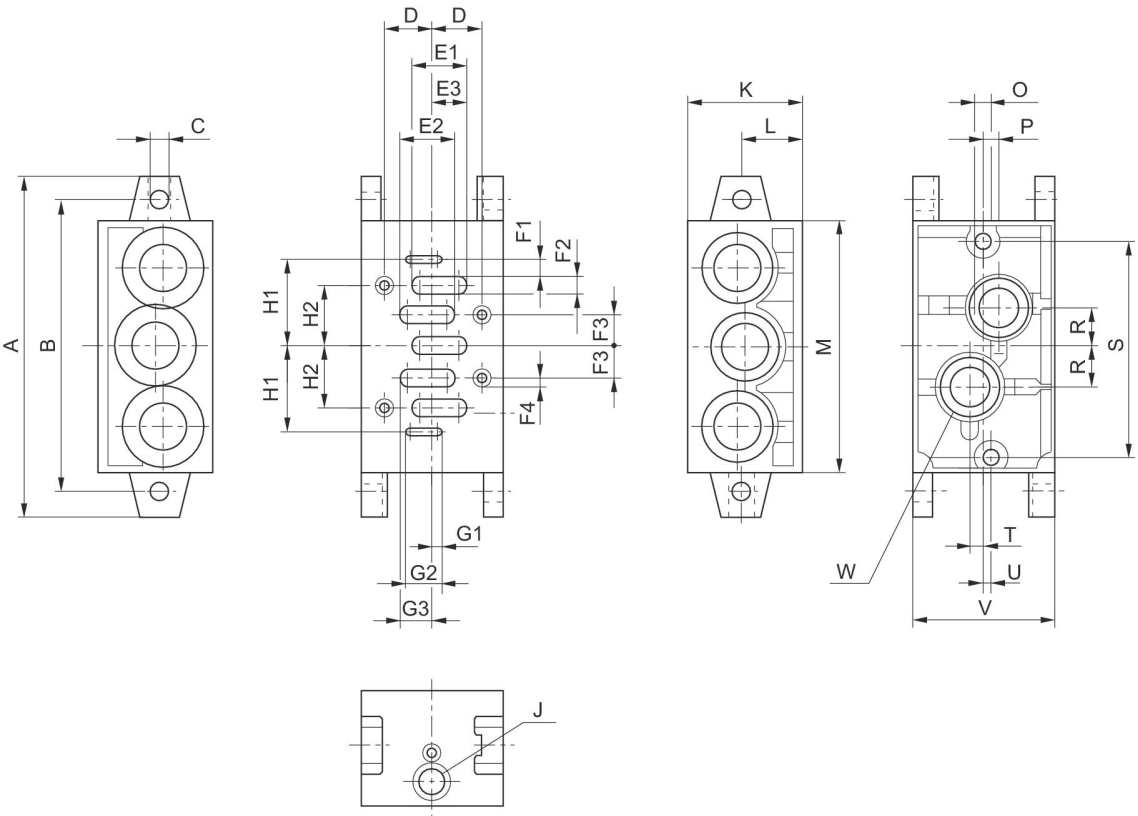


Base plate, ports 2 and 4 on bottom



| Frame size | Min. ambient temperature [°C] | Max. ambient temperature [°C] | Compressed air connection output | Compressed air connection pilot air | Max. number of valve positions | Part No.   |
|------------|-------------------------------|-------------------------------|----------------------------------|-------------------------------------|--------------------------------|------------|
| ISO 2      | -25                           | 70                            | G 3/8                            | G 1/8                               | 1                              | 1825503147 |

Dimensions



| Part No.   | A   | B   | C   | D  | E1   | E2   | E3    | F1 | F2  |
|------------|-----|-----|-----|----|------|------|-------|----|-----|
| 1825503144 | 110 | 95  | 5,5 | 14 | 16,5 | 16,5 | 11,25 | 3  | 4,5 |
| 1825503147 | 135 | 115 | 6,6 | 19 | 22   | 22   | 13,5  | 3  | 7   |
| 1825503150 | 190 | 168 | 9   | 24 | 29   | 29   | 16,5  | 4  | 10  |
| 8985041422 | 215 | 184 | 11  | —  | —    | —    | —     | —  | —   |

| F3 | F4 | G1 | G2   | G3    | H1   | H2 | J     | K  | L  |
|----|----|----|------|-------|------|----|-------|----|----|
| 9  | M5 | 3  | 13,5 | 11,25 | 26,5 | 18 | G 1/8 | 44 | 22 |
| 12 | M6 | 3  | 14,5 | 13,5  | 34   | 24 | G 1/8 | 45 | 24 |
| 16 | M8 | 4  | 17,5 | 16,5  | 45   | 32 | G 1/8 | 54 | 25 |
| —  | —  | —  | —    | —     | —    | —  | —     | 55 | 30 |

| M   | O  | P   | R  | S   | T   | U | V  | W     |
|-----|----|-----|----|-----|-----|---|----|-------|
| 85  | M5 | 7,5 | 13 | 71  | 1,5 | 3 | 43 | G 1/4 |
| 100 | M6 | 6   | 15 | 86  | 5   | 3 | 56 | G 3/8 |
| 140 | M8 | 8   | 19 | 130 | 6   | 3 | 71 | G 1/2 |
| 142 | M8 | 8   | 26 | —   | 9   | 3 | 82 | G 3/4 |

Blanking piece

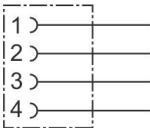
Ambient temperature min./max.: -20 °C ... 70 °C



| Weight<br>[kg] | Material | Part No.   |
|----------------|----------|------------|
| 0.025          | Brass    | 5802530000 |

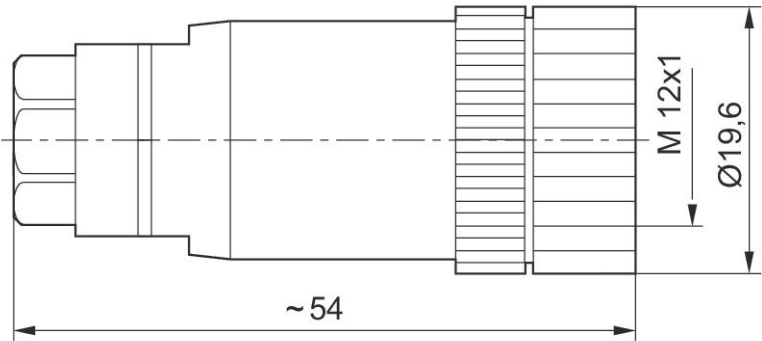
Round plug connector, Series CON-RD

Electrical connection 1: Socket ... M12x1 ... 4-pin ... A-coded ... straight  
Connection type: Screws  
Ambient temperature min./max.: -40 °C ... 85 °C



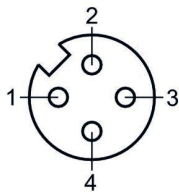
| Operational voltage | Coding  | Shielding  | Connec-<br>tion type | Max. current [A] | min. suit-<br>able cable Ø [mm] | max. suit-<br>able cable Ø [mm] | Part No.   |
|---------------------|---------|------------|----------------------|------------------|---------------------------------|---------------------------------|------------|
| 48 V AC/DC          | A-coded | unshielded | Screws               | 4                | 4                               | 6                               | 1834484177 |

Dimensions



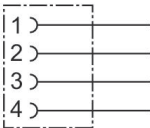
1834484177

Pin assignment, socket



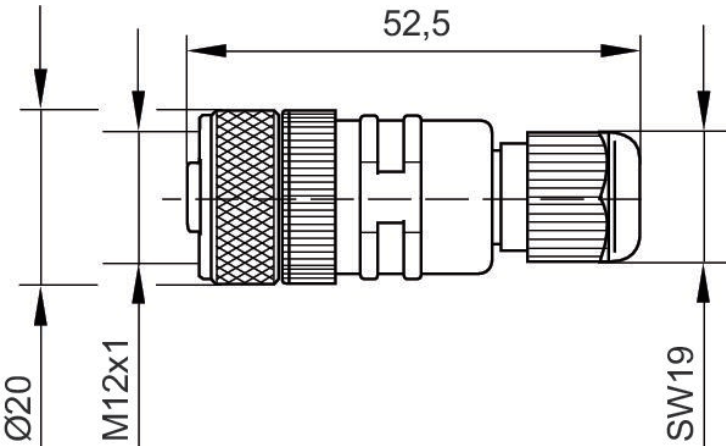
Round plug connector, Series CON-RD

Electrical connection 1: Socket ... M12x1 ... 4-pin ... A-coded ... straight  
Connection type: Screws  
Ambient temperature min./max.: -25 °C ... 90 °C



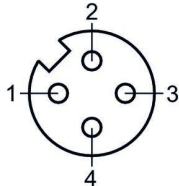
| Operational voltage | Coding  | Shielding  | Connec-<br>tion type | Max. current [A] | min. suit-<br>able cable Ø [mm] | Part No.   |
|---------------------|---------|------------|----------------------|------------------|---------------------------------|------------|
| 48 V AC/DC          | A-coded | unshielded | Screws               | 4                | 4                               | 8941054324 |

Dimensions



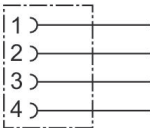
8941054324

Pin assignment, socket



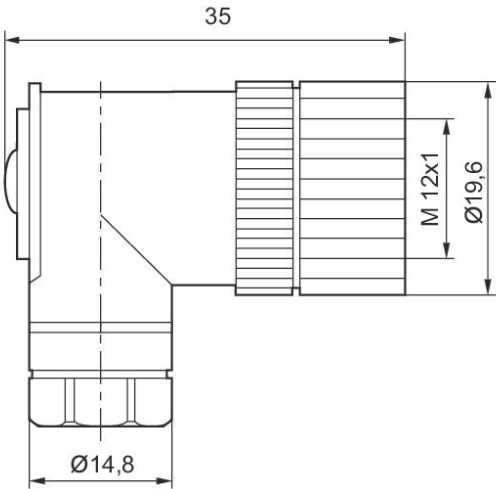
Round plug connector, Series CON-RD

Electrical connection 1: Socket ... M12x1 ... 4-pin ... A-coded ... angled  
Connection type: Screws  
Ambient temperature min./max.: -40 °C ... 85 °C



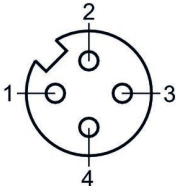
| Operational voltage | Coding  | Shielding  | Connec-<br>tion type | Max. current [A] | min. suit-<br>able cable Ø [mm] | Part No.   |
|---------------------|---------|------------|----------------------|------------------|---------------------------------|------------|
| 48 V AC/DC          | A-coded | unshielded | Screws               | 4                | 4                               | 1834484178 |

Dimensions



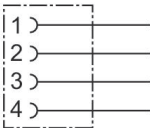
1834484178

Pin assignment, socket



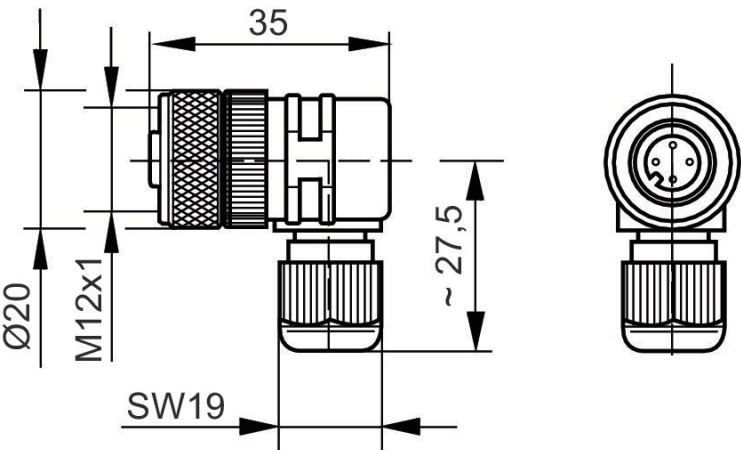
Round plug connector, Series CON-RD

Electrical connection 1: Socket ... M12x1 ... 4-pin ... A-coded ... angled  
Connection type: Screws  
Ambient temperature min./max.: -25 °C ... 90 °C



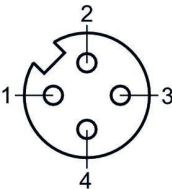
| Operational voltage | Coding  | Shielding  | Connection type | Max. current [A] | min. suitable cable Ø [mm] | Part No.   |
|---------------------|---------|------------|-----------------|------------------|----------------------------|------------|
| 48 V AC/DC          | A-coded | unshielded | Screws          | 4                | 4                          | 8941054424 |

Dimensions



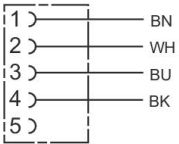
8941054424

Pin assignment, socket



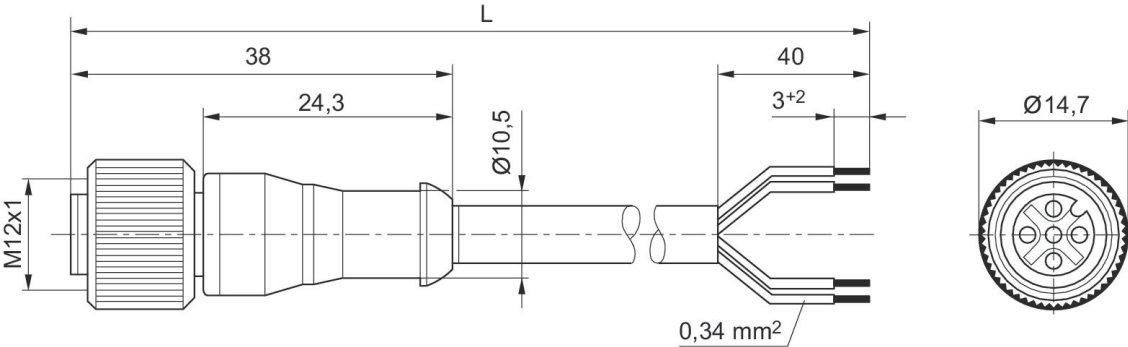
Round plug connector, Series CON-RD, open cable ends, straight

Electrical connection 1: Socket ... M12x1 ... 5-pin ... straight  
Electrical connection 2: without wire end ferrule, tin-plated ... 4-pin  
Ambient temperature min./max.: -25 °C ... 70 °C



| Operational voltage | Electrical connection 1, type | Electrical connection 1, thread size | Electrical connection 1, number of poles | Electrical connection 1, coding | Electrical connection 2, type | Electrical connection 2, number of poles | Cable length [m] | Part No.   |
|---------------------|-------------------------------|--------------------------------------|------------------------------------------|---------------------------------|-------------------------------|------------------------------------------|------------------|------------|
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | open cable ends               | 4-pin                                    | 3                | 1834484256 |
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | open cable ends               | 4-pin                                    | 5                | 1834484257 |
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | open cable ends               | 4-pin                                    | 10               | 1834484258 |

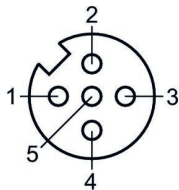
Dimensions



L = length

1834484256, 1834484257, 1834484258

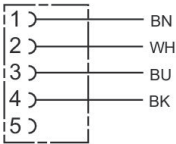
Pin assignment, socket



(1) BN=brown (2) WH=white 3) BU=blue (4) BK=black  
(5) not assigned

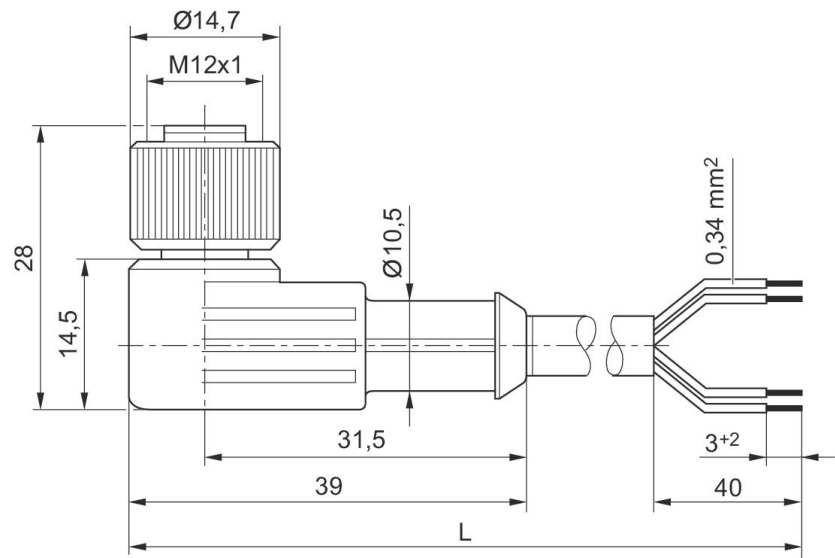
Round plug connector, Series CON-RD, 5-pin, angled, unshielded

Electrical connection 1: Socket ... M12x1 ... 5-pin ... angled  
Electrical connection 2: without wire end ferrule, tin-plated ... 4-pin  
Ambient temperature min./max.: -40 °C ... 85 °C



| Operational voltage | Electrical connection 1, type | Electrical connection 1, thread size | Electrical connection 1, number of poles | Electrical connection 1, coding | Electrical connection 2, type | Electrical connection 2, number of poles | Cable length [m] | Part No.   |
|---------------------|-------------------------------|--------------------------------------|------------------------------------------|---------------------------------|-------------------------------|------------------------------------------|------------------|------------|
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | open cable ends               | 4-pin                                    | 3                | 1834484259 |
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | open cable ends               | 4-pin                                    | 5                | 1834484260 |
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | open cable ends               | 4-pin                                    | 10               | 1834484261 |

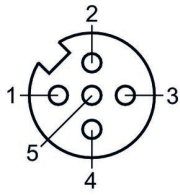
Dimensions



L = length

**1834484259, 1834484260, 1834484261**

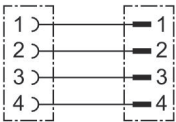
Pin assignment, socket



(1) BN=brown (2) WH=white (3) BU=blue (4) BK=black  
(5) not assigned

Round plug connector, Series CON-RD

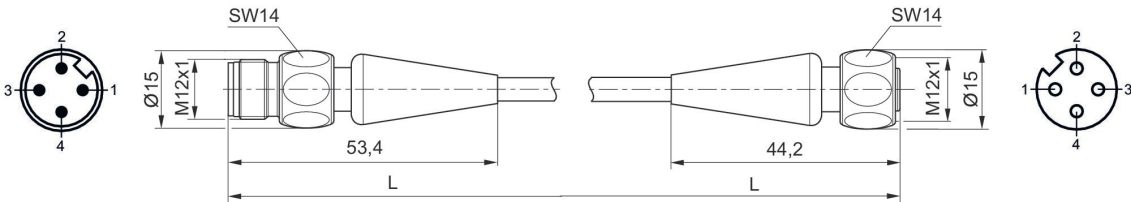
Electrical connection 1: Plug ... M12x1 ... 4-pin ... A-coded ... straight ... 180°  
Electrical connection 2: Socket ... M12x1 ... 4-pin ... A-coded ... straight  
Ambient temperature min./max.: -25 °C ... 70 °C



| Operational voltage | Electrical connection 1, type | Electrical connection 1, thread size | Electrical connection 1, number of poles | Electrical connection 1, coding | Electrical connection 2, type | Electrical connection 2, thread size | Electrical connection 2, number of poles | Part No.   |
|---------------------|-------------------------------|--------------------------------------|------------------------------------------|---------------------------------|-------------------------------|--------------------------------------|------------------------------------------|------------|
| 240 V AC            | Socket                        | M12x1                                | 4-pin                                    | A-coded                         | Plug                          | M12x1                                | 4-pin                                    | R402003760 |
| 240 V AC            | Socket                        | M12x1                                | 4-pin                                    | A-coded                         | Plug                          | M12x1                                | 4-pin                                    | R402003761 |
| 240 V AC            | Socket                        | M12x1                                | 4-pin                                    | A-coded                         | Plug                          | M12x1                                | 4-pin                                    | R402003762 |

| Electrical connection 2, coding | Cable length [m] | Part No.   |
|---------------------------------|------------------|------------|
| A-coded                         | 5                | R402003760 |
| A-coded                         | 10               | R402003761 |
| A-coded                         | 15               | R402003762 |

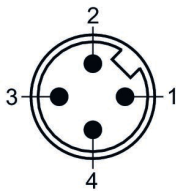
Dimensions



L = cable length

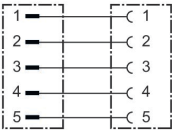
R402003760, R402003761, R402003762

Plug pin assignment



Round plug connector, Series CON-RD

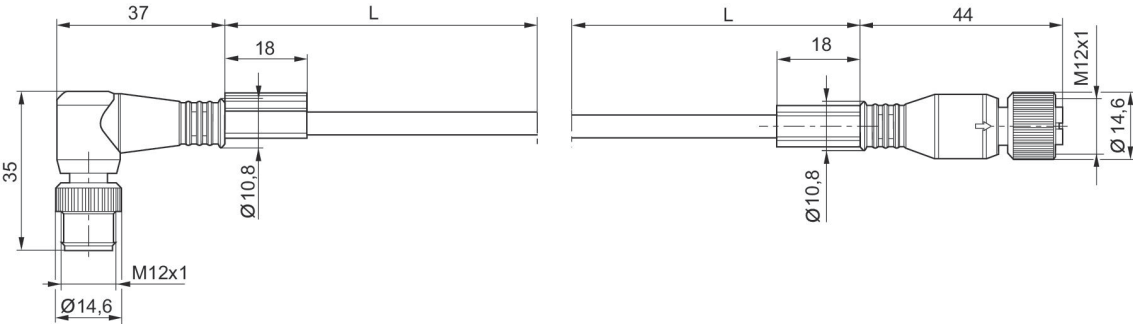
Electrical connection 1: Plug ... M12x1 ... 5-pin ... A-coded ... angled ... 90°  
Electrical connection 2: Socket ... M12x1 ... 5-pin ... A-coded ... straight  
Ambient temperature min./max.: -25 °C ... 80 °C



| Operational voltage | Electrical connection 1, type | Electrical connection 1, thread size | Electrical connection 1, number of poles | Electrical connection 1, coding | Electrical connection 2, type | Electrical connection 2, thread size | Electrical connection 2, number of poles | Part No.   |
|---------------------|-------------------------------|--------------------------------------|------------------------------------------|---------------------------------|-------------------------------|--------------------------------------|------------------------------------------|------------|
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | Plug                          | M12x1                                | 5-pin                                    | R412021694 |
| 48 V AC/DC          | Socket                        | M12x1                                | 5-pin                                    | A-coded                         | Plug                          | M12x1                                | 5-pin                                    | R412021695 |

| Electrical connection 2, coding | Cable length [m] | Part No.   |
|---------------------------------|------------------|------------|
| A-coded                         | 2                | R412021694 |
| A-coded                         | 5                | R412021695 |

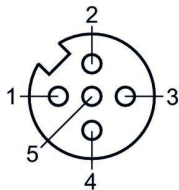
Dimensions



L = length

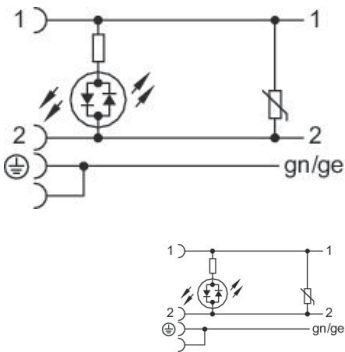
R412021694, R412021695

Pin assignment, socket



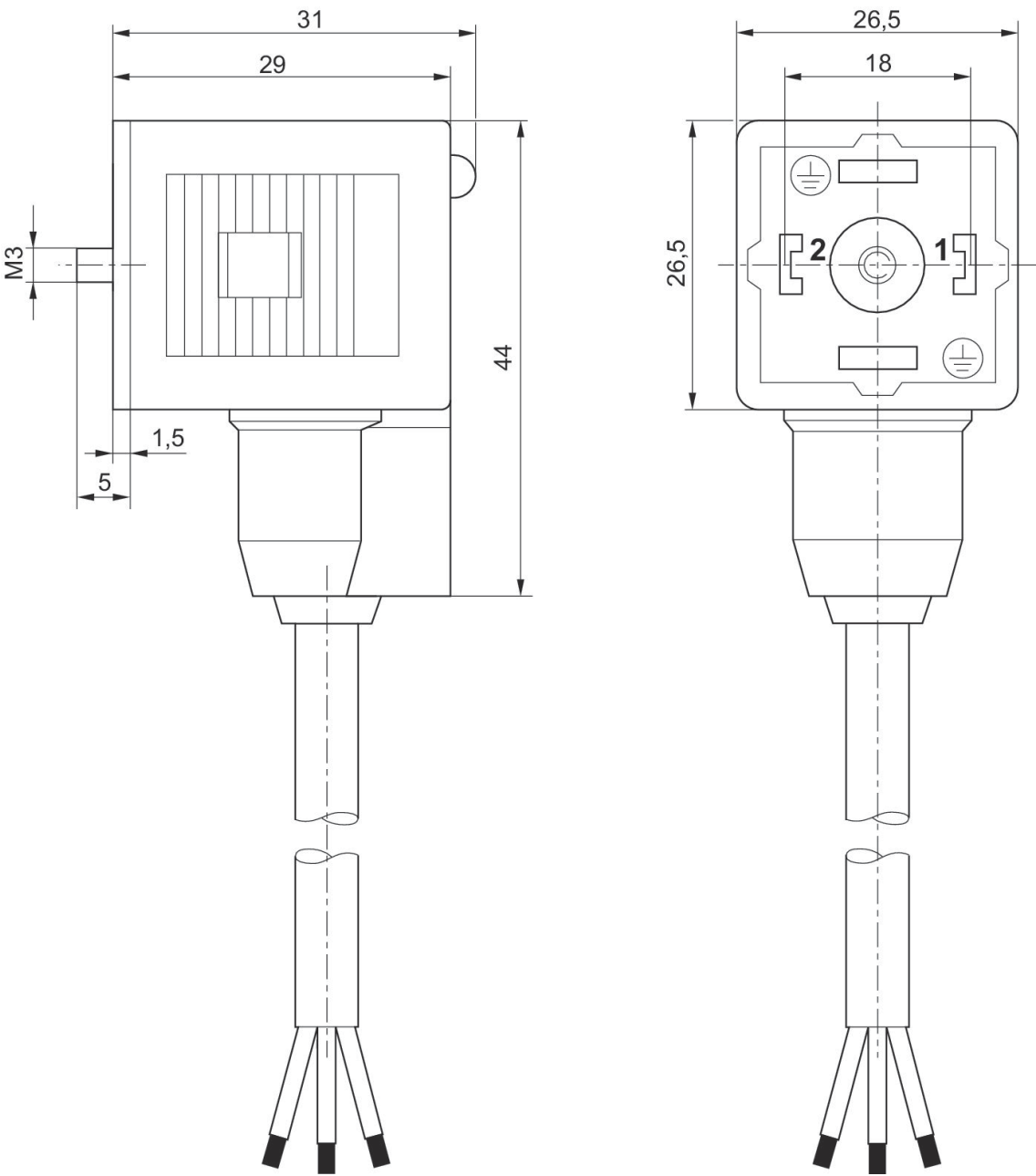
Valve plug connector with cable series CON-VP, Form A

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



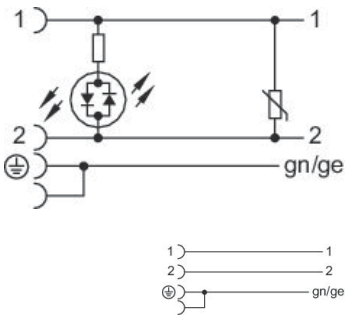
| Operational voltage | Protective circuit | Contact assignment | LED status display | Cable-Ø [mm] | Cable length [m] | Part No.   |
|---------------------|--------------------|--------------------|--------------------|--------------|------------------|------------|
| 24 V AC/DC          | Z-diode            | 2+E                | Yellow             | 5.9          | 3                | 1834484162 |
| 24 V AC/DC          | Z-diode            | 2+E                | Yellow             | 5.9          | 5                | 1834484163 |
| 230 V AC/DC         | Varistor           | 2+E                | Red                | 5.9          | 3                | 1834484164 |
| 230 V AC/DC         | Varistor           | 2+E                | Red                | 5.9          | 5                | 1834484165 |

Dimensions



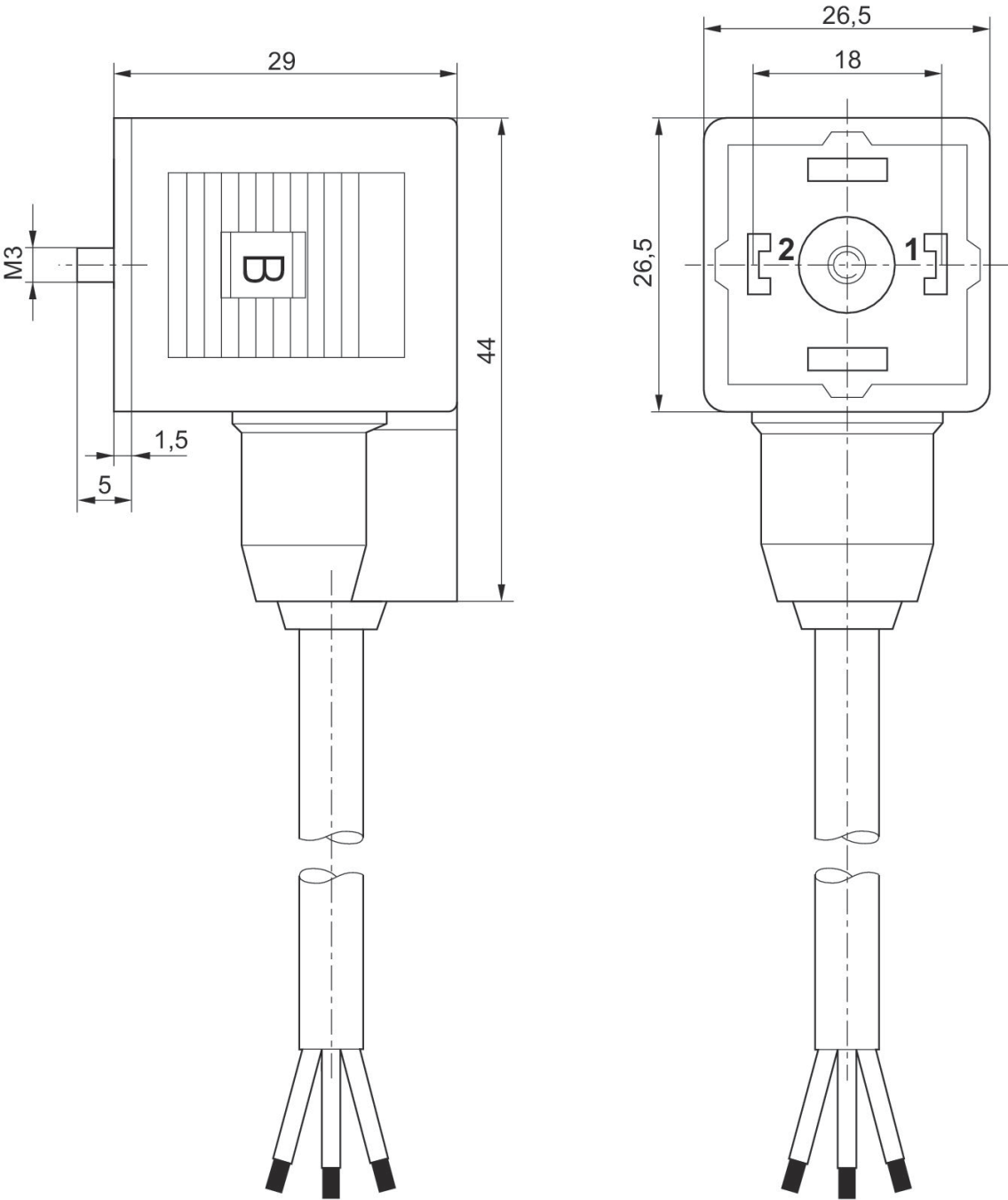
Valve plug connector with cable series CON-VP, Form A

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



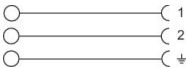
| Operational voltage | Contact assignment | Cable-Ø [mm] | Cable length [m] | Part No.   |
|---------------------|--------------------|--------------|------------------|------------|
| 230 V AC/DC         | 2+E                | 5.9          | 3                | 1834484160 |

Dimensions



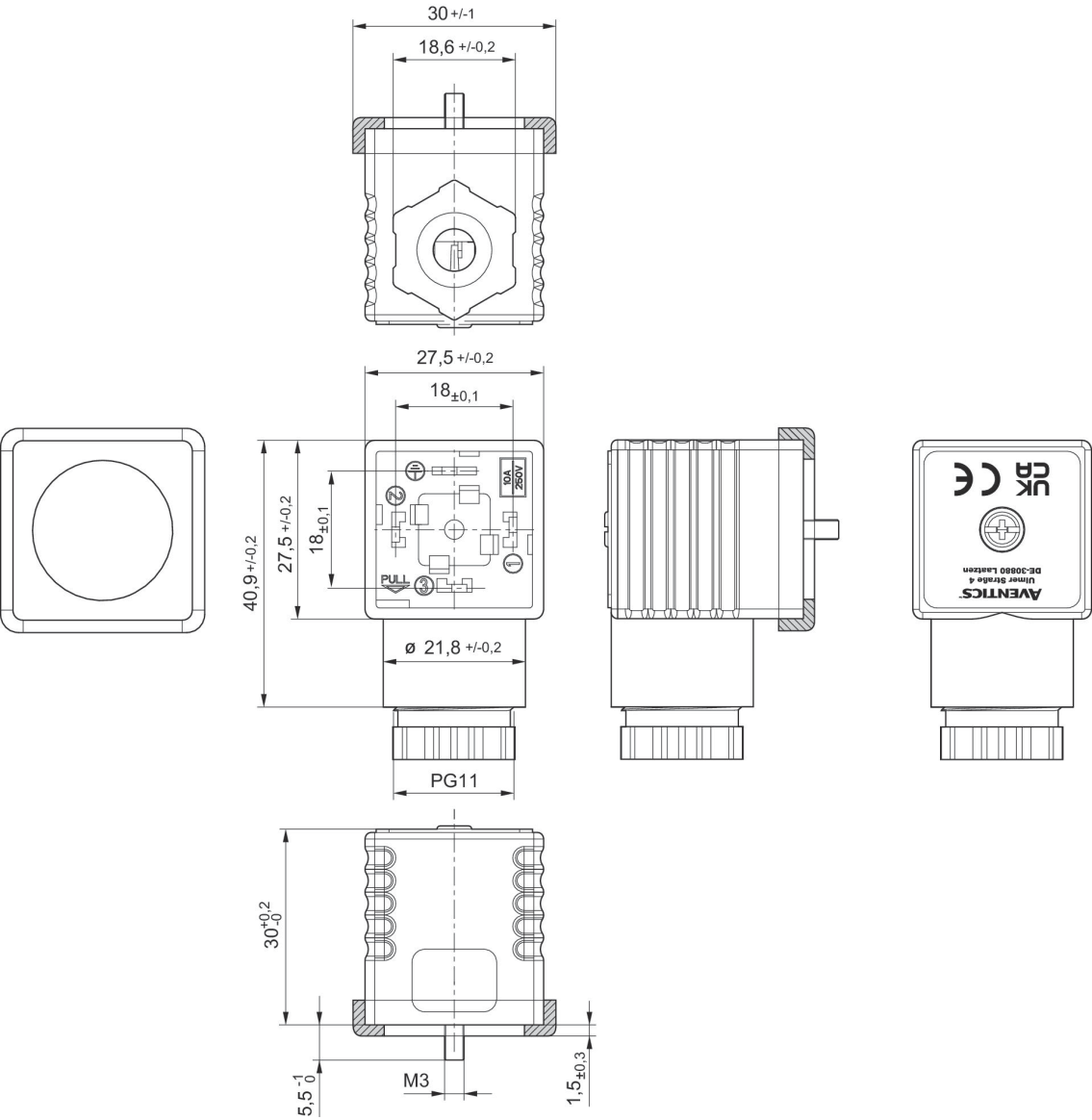
Valve plug connector, series CON-VP, Form A, 300 V DC / 250 V AC, 2-pin

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



| Operational voltage | Max. current [A] | Contact assignment | min. suitable cable Ø [mm] | max. suitable cable Ø [mm] | Part No.   |
|---------------------|------------------|--------------------|----------------------------|----------------------------|------------|
| 300 V DC / 250 V AC | 10               | 2+E                | 4                          | 9.5                        | 1834484048 |

Dimensions



Profile seal

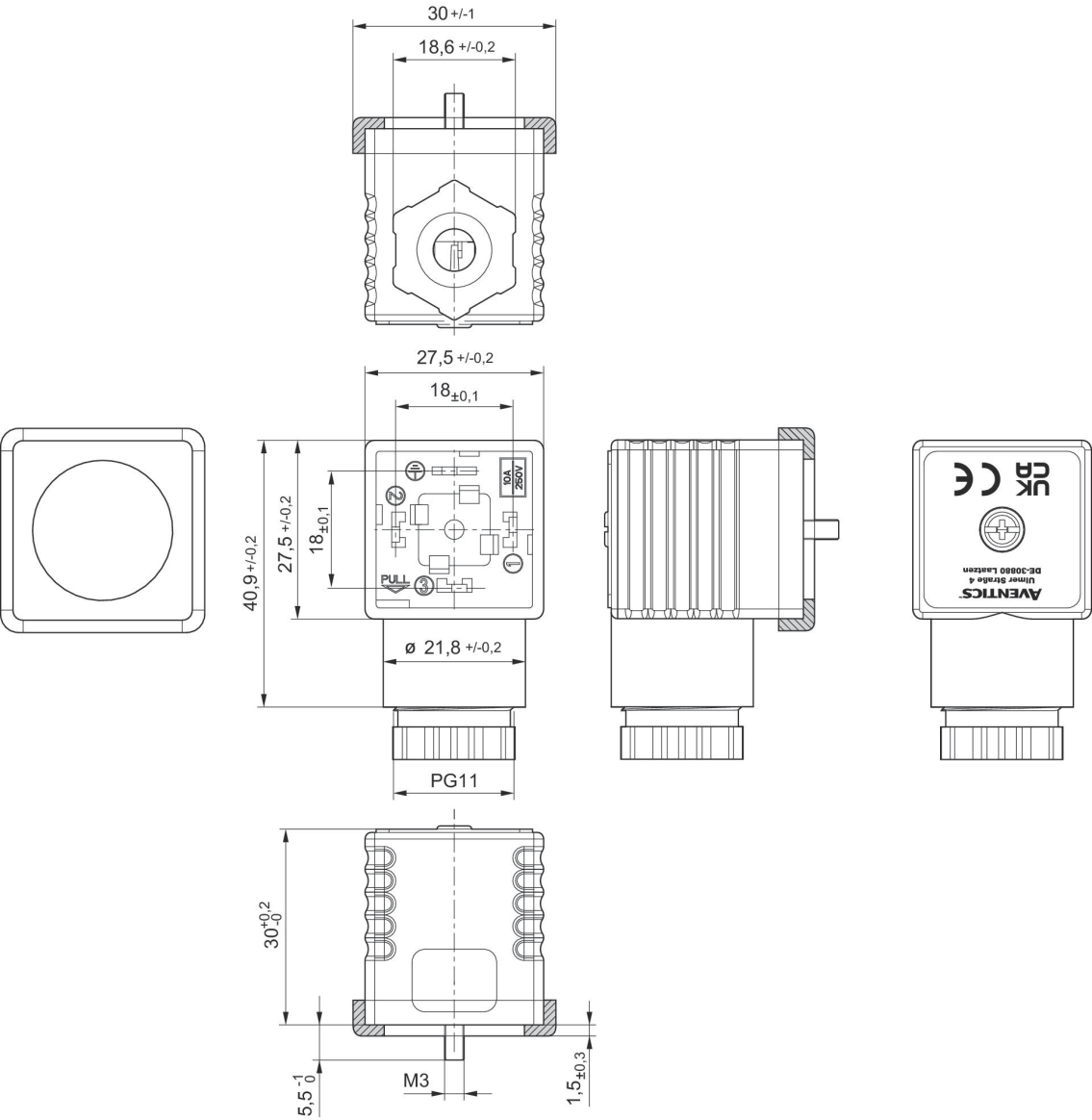
Valve plug connector, series CON-VP, Form A, 300 V DC / 250 V AC, 3-pin

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



| Operational voltage | Max. current [A] | Contact assignment | min. suitable cable Ø [mm] | max. suitable cable Ø [mm] | Part No.   |
|---------------------|------------------|--------------------|----------------------------|----------------------------|------------|
| 300 V DC / 250 V AC | 10               | 3+E                | 4                          | 9.5                        | 1834484059 |

Dimensions



Profile seal

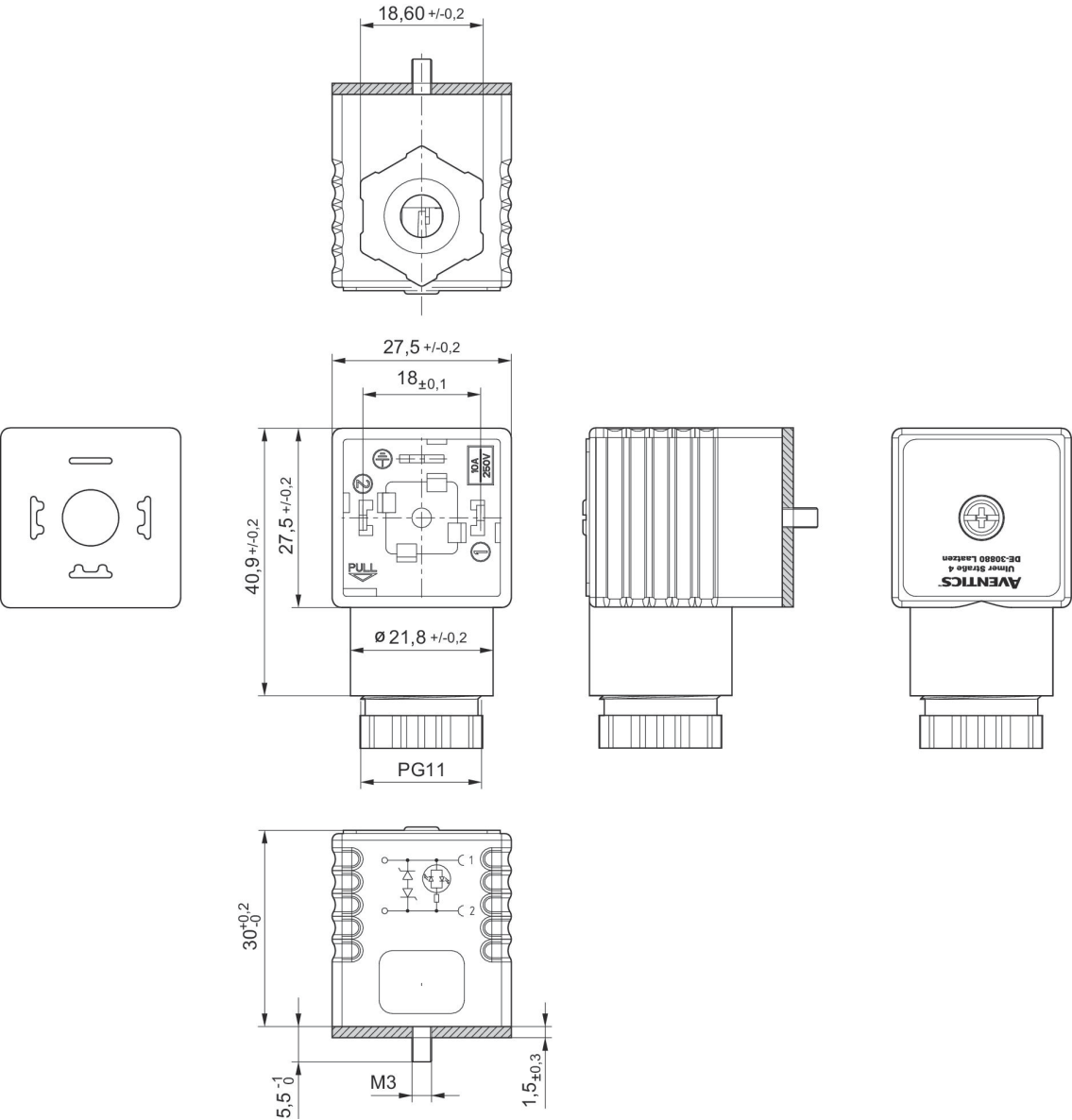
Valve plug connector, series CON-VP, form A, 115/230 V AC/DC

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



|  | Operational voltage | Protective circuit | Contact assignment | LED status display | min. suitable cable Ø [mm] | max. suitable cable Ø [mm] | Part No.   |
|--|---------------------|--------------------|--------------------|--------------------|----------------------------|----------------------------|------------|
|  | 115 V AC/DC         | Varistor           | 2+E                | Red                | 6.5                        | 9.5                        | 1834484102 |
|  | 230 V AC/DC         | Varistor           | 2+E                | Red                | 6.5                        | 9.5                        | 1834484103 |

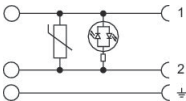
Dimensions



Profile seal

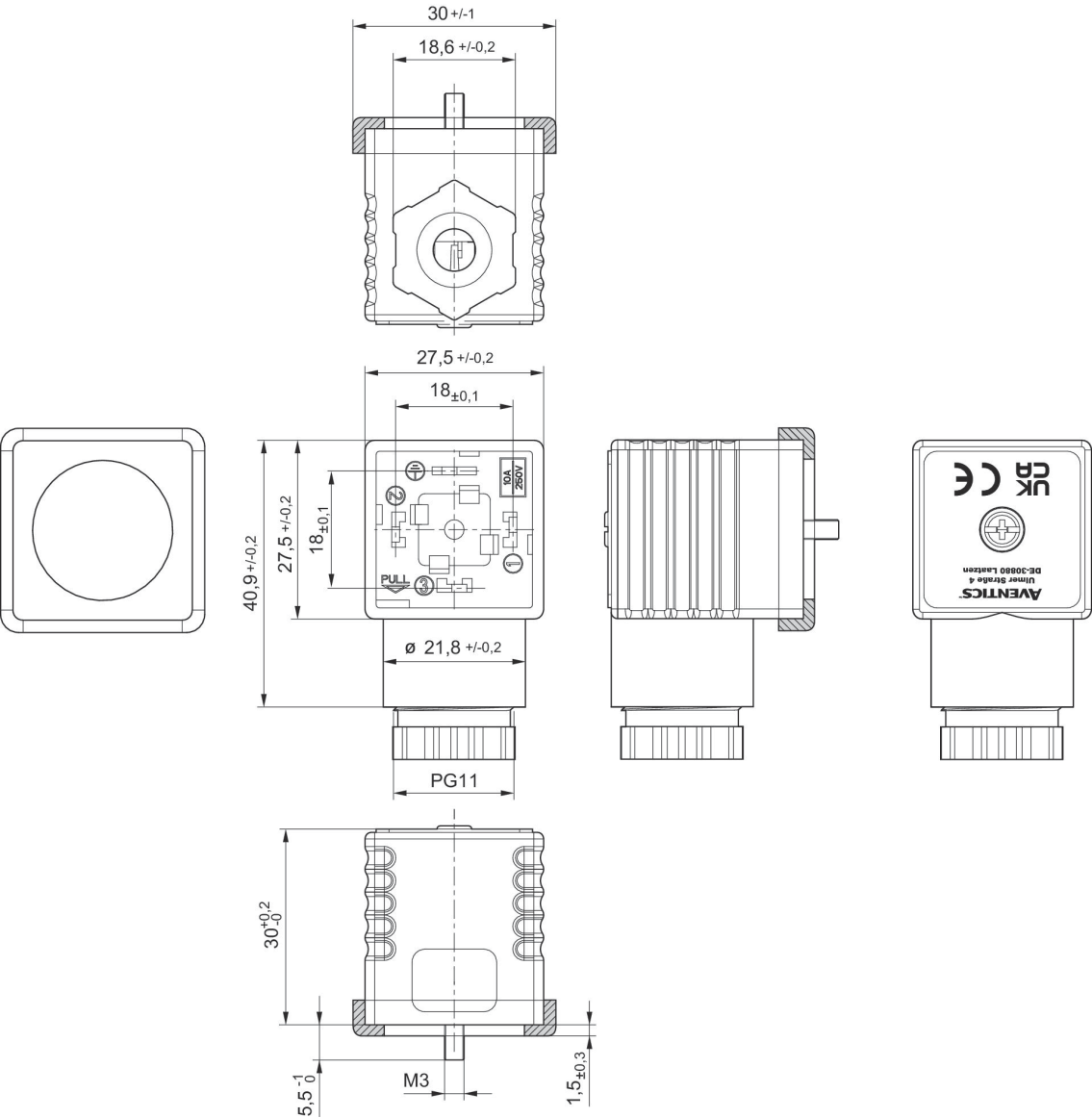
Valve plug connector, series CON-VP, Form A, 230 V AC/DC, Profile seal

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



| Operational voltage | Protective circuit | Contact assignment | LED status display | min. suitable cable Ø [mm] | max. suitable cable Ø [mm] | Part No.   |
|---------------------|--------------------|--------------------|--------------------|----------------------------|----------------------------|------------|
| 230 V AC/DC         | Varistor           | 2+E                | Green              | 6.5                        | 9.5                        | 8941016112 |

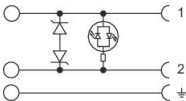
Dimensions



Profile seal

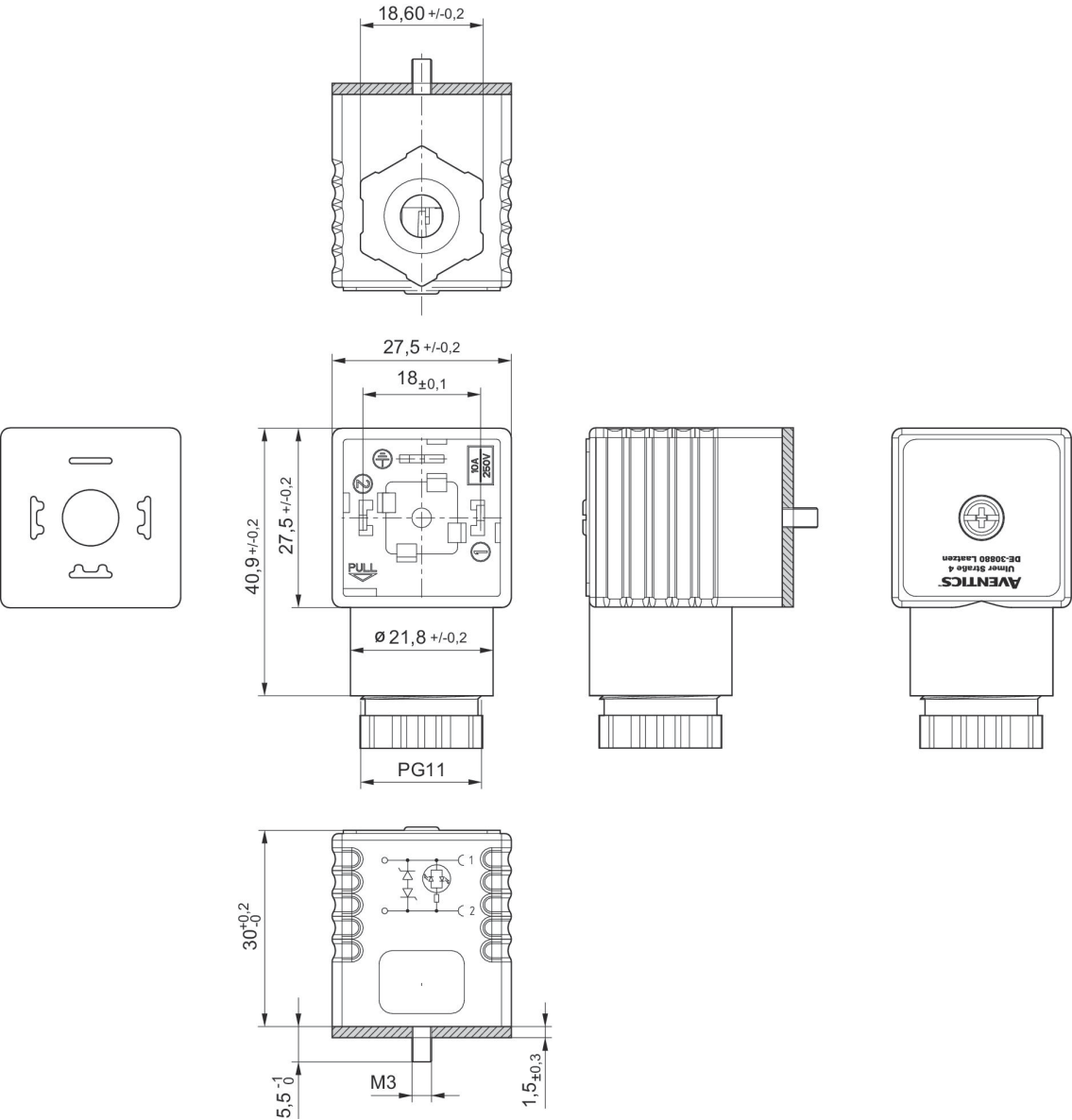
Valve plug connector, series CON-VP, Form A, 24 V AC/DC, Flat gasket

Electrical connection 1: EN 175301-803, form A  
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          | 2 Z-diodes         | 1.5              | 2+E                | Yellow             | 4                          | 9.5                        | 1834484101 |

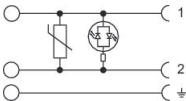
Dimensions



Profile seal

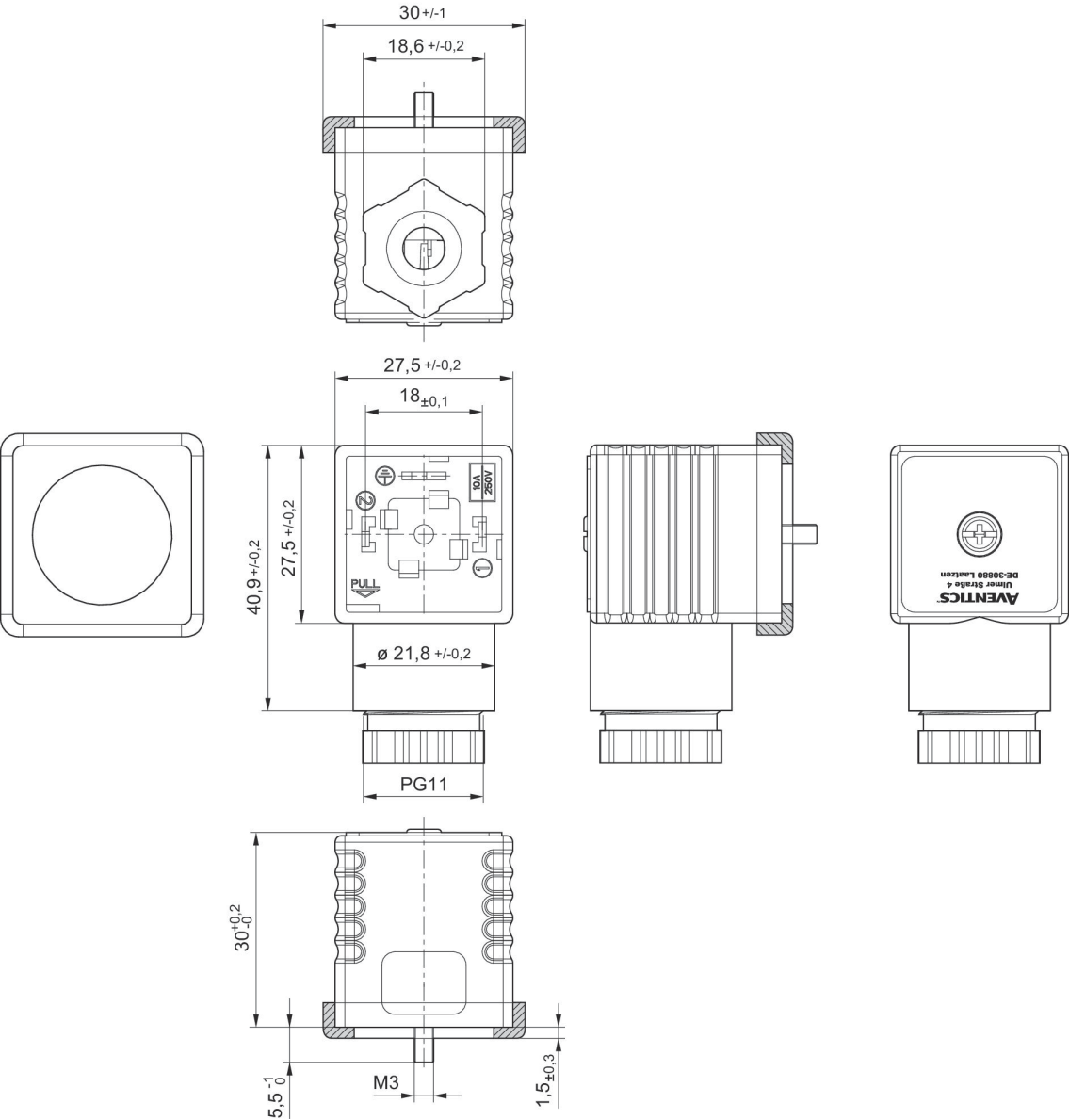
Valve plug connector, series CON-VP, Form A, 24 V AC/DC, Profile seal

Electrical connection 1: EN 175301-803, form A  
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                          | 9.5                        | 8941016102 |

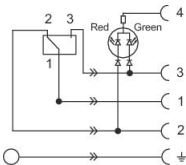
Dimensions



Profile seal

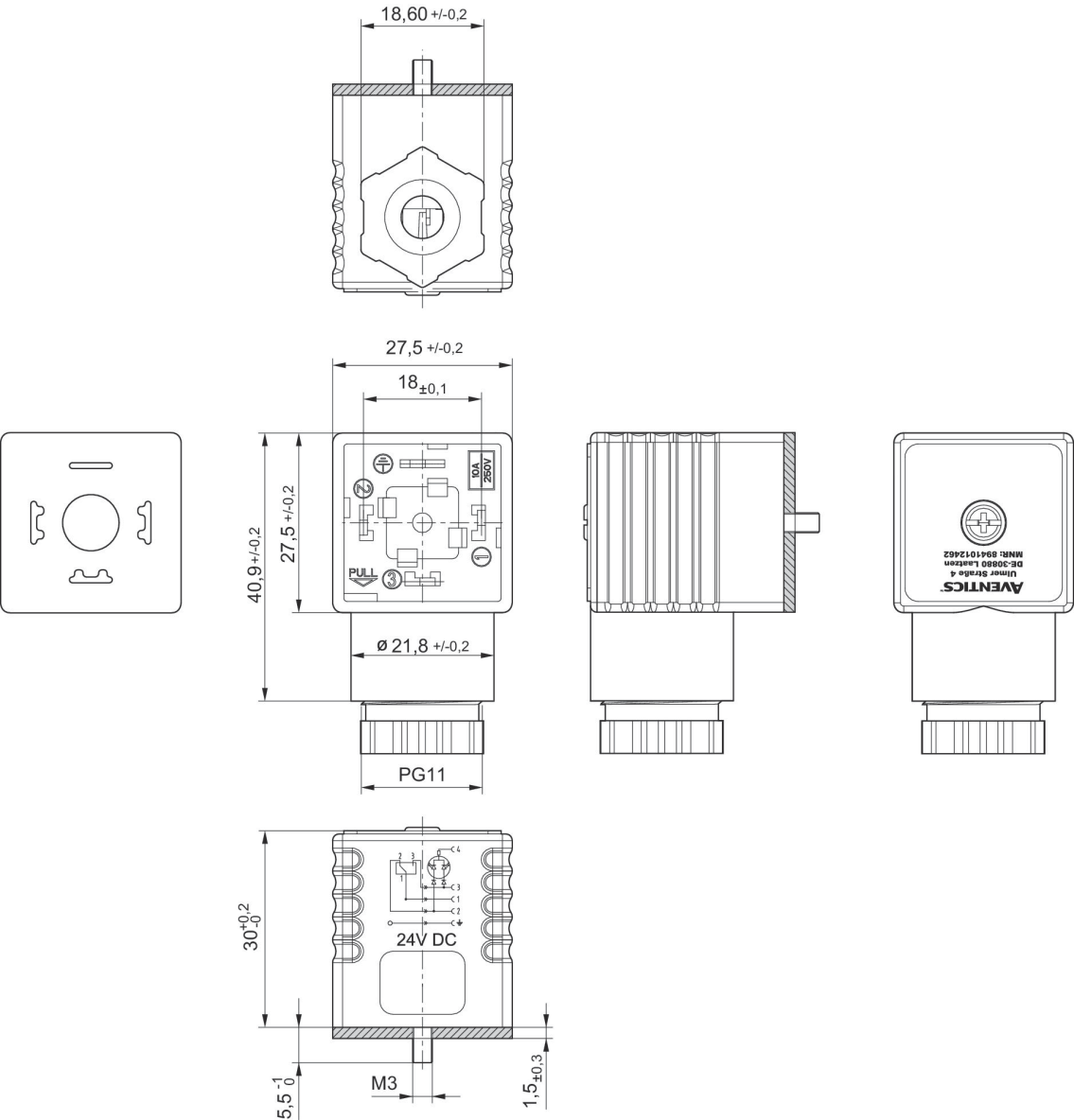
Valve plug connector, series CON-VP, Form A, 24 V DC

Electrical connection 1: EN 175301-803, form A  
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 DC             | 2 diodes (1 A)     | 1                | 3+E                | green/red          | 4                          | 9.5                        | 8941012462 |

Dimensions



Profile seal

Blanking piece



| Type           | Type  | Weight [kg] | Part No.   |
|----------------|-------|-------------|------------|
| Blanking piece | ISO 1 | 0.009       | R432038306 |
| Blanking piece | ISO 2 | 0.009       | R432037662 |
| Blanking piece | ISO 3 | 0.02        | R432037663 |

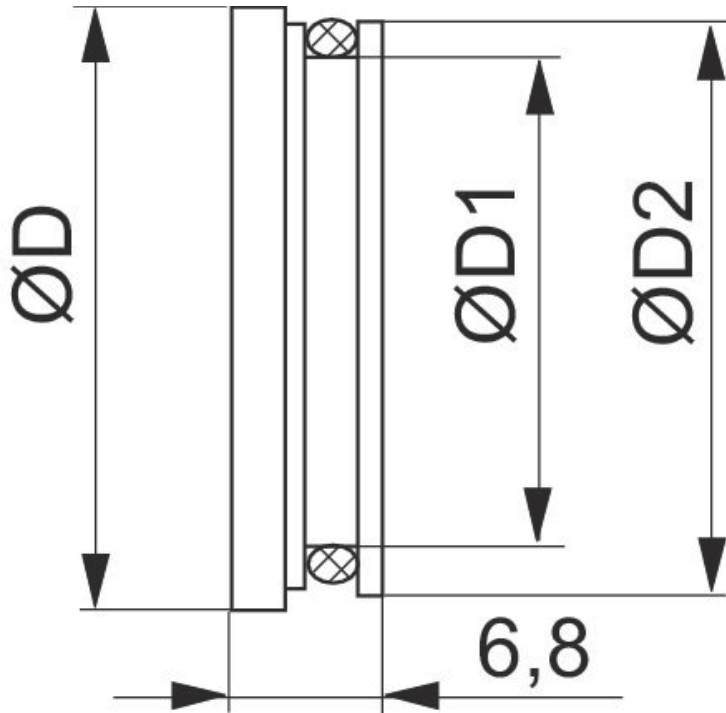
Blanking piece

Ambient temperature min./max.: -15 °C ... 80 °C



| Type                  | Type  | Weight [kg] | Material | Part No.   |
|-----------------------|-------|-------------|----------|------------|
| Blanking piece, ISO 2 | ISO 2 | 0.011       | Aluminum | 1820220023 |

Dimensions



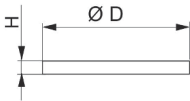
| Part No.                 | Ø D  | Ø D1 | Ø D2 |
|--------------------------|------|------|------|
| 1820220021               | 16.6 | 11.8 | 15.8 |
| 1820220023               | 23   | 14.3 | 18.2 |
| 1820A20013               | 29.3 | 23.8 | 27.7 |
| RepeatColumn tablefooter |      |      |      |

Separator set

Ambient temperature min./max.: -20 °C ... 70 °C



| Type | Type         | Delivery unit<br>[piece] | Weight<br>[kg] | Material | Part No.   |
|------|--------------|--------------------------|----------------|----------|------------|
| b    | ISO 1, ISO 2 | 3                        | 0.017          | Brass    | 5802880000 |



| Part No.   | D    | H   |
|------------|------|-----|
| 5801880000 | 13,2 | 2   |
| 5802880000 | 17,2 | 2   |
| 5803880000 | 20,5 | 2,2 |
| 5804880000 | 24,5 | 2,2 |

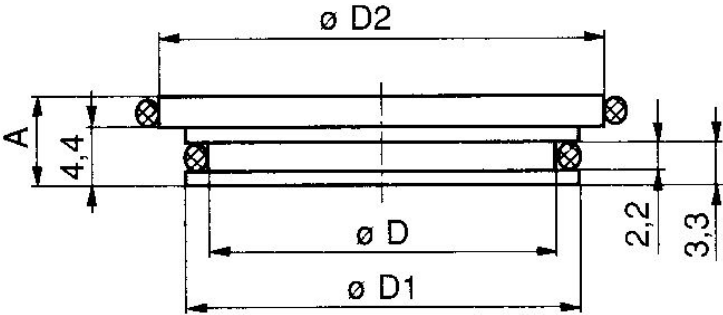
Blanking piece, Subbases ISO 5599-1

Ambient temperature min./max.: -25 °C ... 70 °C  
Working pressure min./max.: -0.95 bar ... 10 bar



| Type  | Material | Part No.   |
|-------|----------|------------|
| ISO 1 | Brass    | 8985049012 |
| ISO 2 | Brass    | 8985049022 |
| ISO 3 | Brass    | 8985049032 |

Dimensions



| Part No.    |       | A   | D    | D1   | D2   |
|-------------|-------|-----|------|------|------|
| 8985049012  | ISO 1 | 6.2 | 12.2 | 14.8 | 16.5 |
| 8985049022  | ISO 2 | 6.2 | 15.7 | 18.3 | 23   |
| 8985049032  | ISO 3 | 6.9 | 25.1 | 27.7 | 30   |
| tablefooter |       |     |      |      |      |

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