



## Servo-assisted 3/2-way Solenoid Valve for pneumatics

- High flow-rate capacity
- Reduced power consumption
- Single or manifold mounting
- Standard, Ex mb, Ex eb mb and Ex ia variants
- Threaded port G 1/4" and NPT 1/4"

Product variants described in the data sheet may differ from the product presentation and description.

### Can be combined with

|                                                                                     |                                                                                                  |   |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---|
|   | <b>Type 2507</b><br>Cable plug,<br>form B according to industry<br>standard                      | ► |
|  | <b>Type 2516</b><br>Cable plug,<br>form C according to<br>DIN EN 175301-803                      | ► |
|  | <b>Type 2518</b><br>Cable plug,<br>form A according to<br>DIN EN 175301-803                      | ► |
|  | <b>Type 2030</b><br>2/2-way diaphragm valve<br>with pneumatic plastic<br>actuator (Type CLASSIC) | ► |
|  | <b>Type 1087</b><br>Timer,<br>form A according to<br>DIN EN 175301-803                           | ► |

### Type description

The Type 6518 is a servo-assisted 3/2-way valve and the Type 6519 is a 3/2, 5/2 or 5/3-way valve. Together, they form a product line. The valves can be used individually or in blocks. The valves work without a continuous air consumption and are used for the pneumatic control of double or single-acting actuators. The use of high quality materials makes it possible to use these valves in the open air and under chemical atmospheres. The product line contains units with Ex-Approvals and NAMUR flange interface. With valve circuit functions C and D, safety level SIL2 can be achieved in accordance with IEC 61508, depending on the architecture of the safety device.

## Table of contents

|                                                                        |           |
|------------------------------------------------------------------------|-----------|
| <b>1. General technical data</b>                                       | <b>4</b>  |
| <b>2. Product variants</b>                                             | <b>5</b>  |
| 2.1. Standard variant.....                                             | 5         |
| 2.2. Ex mb and Ex eb mb variant .....                                  | 6         |
| 2.3. Ex ia variant.....                                                | 7         |
| <b>3. Circuit functions</b>                                            | <b>7</b>  |
| <b>4. Approvals and conformities</b>                                   | <b>8</b>  |
| 4.1. General notes .....                                               | 8         |
| 4.2. Conformity .....                                                  | 8         |
| 4.3. Standards.....                                                    | 8         |
| 4.4. Explosion protection.....                                         | 8         |
| 4.5. North America (USA/Canada) .....                                  | 8         |
| <b>5. Materials</b>                                                    | <b>9</b>  |
| 5.1. Bürkert resistApp .....                                           | 9         |
| <b>6. Dimensions</b>                                                   | <b>9</b>  |
| 6.1. Pneumatic module Type MP07 .....                                  | 9         |
| 6.2. Standard variant 3/2-way valve, circuit function C and D .....    | 10        |
| With plug form B or C.....                                             | 10        |
| With plug form A .....                                                 | 10        |
| 6.3. Ex mb/eb mb variant 3/2-way valve, circuit function C and D ..... | 11        |
| With moulded cable (3 m long) (Ex mb) .....                            | 11        |
| With terminal box (Ex eb mb) .....                                     | 11        |
| 6.4. Ex ia variant 3/2-way valve, circuit function C .....             | 12        |
| 6.5. ATEX variant cable coil and terminal box .....                    | 13        |
| <b>7. Product design and assembly</b>                                  | <b>14</b> |
| 7.1. Block assembly .....                                              | 14        |
| <b>8. Product accessories</b>                                          | <b>15</b> |
| 8.1. Cable glands for ATEX/IECEx terminal box .....                    | 15        |
| 8.2. Special tool to turn the terminal box .....                       | 15        |
| <b>9. Ordering information</b>                                         | <b>16</b> |
| 9.1. Bürkert eShop .....                                               | 16        |
| 9.2. Bürkert configurator .....                                        | 16        |
| 9.3. Bürkert product filter.....                                       | 16        |
| 9.4. Ordering chart standard variant.....                              | 17        |
| With plug form A .....                                                 | 17        |
| With plug form B .....                                                 | 18        |
| With plug form C.....                                                  | 18        |
| 9.5. Ordering chart Ex mb variant (with moulded cable) .....           | 19        |
| 9.6. Ordering chart Ex eb mb variant (with terminal box) .....         | 19        |
| 9.7. Ordering chart Ex ia variant (310 Ohm) .....                      | 20        |
| 9.8. Ordering example Type 6518 with pneumatic module Type MP07 .....  | 20        |

9.9.    Ordering chart accessories..... 21

        Cable plug Type 2513, form A according to DIN EN 175301 - 803 ..... 21

        Cable plug Type 2518, form A according to DIN EN 175301 - 803 ..... 21

        Cable plug Type 2507, form B according to industry standard.....22

        Cable plug Type 2516, form C according to DIN EN 175301 - 803 .....22

        Cable glands for ATEX/IECEX terminal box .....23

valvesgo.com

## 1. General technical data

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product properties</b>                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Dimensions                                | Further information can be found in chapter <b>"6. Dimensions"</b> on page 9.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Material</b>                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Seal                                      | NBR, PUR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Body                                      | Polyamide, reinforced glass-fibre                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Threaded bushing                          | Brass (stainless steel on request)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Manual override                           | Standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Orifice                                   | DN 8...DN 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Pneumatic module                          | MP07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Circuit function                          | C and D<br>Further information can be found in chapter <b>"3. Circuit functions"</b> on page 7.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Thermal insulation class of solenoid coil | Polyamide coil class B<br>Epoxy coil class H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Performance data</b>                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Compressed air quality                    | ISO 8573-1:2010, class 7.4.4 <sup>2)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Duty cycle                                | 100 % continuous operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Switching time <sup>1)</sup></b>       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Opening                                   | Pressure build-up 0...10 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Closing                                   | Pressure reduction 100...90 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Medium data</b>                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Operating medium                          | Neutral medium (e.g. lubricated or oil-free compressed dry air)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Product connections</b>                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Electrical connection                     | <ul style="list-style-type: none"> <li>Plug contacts according to DIN EN 175301 - 803 form A for cable plug <b>Type 2518</b> ▶<br/>Further information can be found in chapter <b>"Cable plug Type 2518, form A according to DIN EN 175301 - 803"</b> on page 21.</li> <li>Plug contacts according to DIN EN 175301 - 803 form B for cable plug <b>Type 2507</b> ▶<br/>Further information can be found in chapter <b>"Cable plug Type 2507, form B according to industry standard"</b> on page 22.</li> <li>Plug contacts according to DIN EN 175301 - 803 form C for cable plug <b>Type 2516</b> ▶<br/>Further information can be found in chapter <b>"Cable plug Type 2516, form C according to DIN EN 175301 - 803"</b> on page 22.</li> <li>Plug contacts according to DIN EN 175301 - 803 form A for cable plug <b>Type 2513</b> ▶<br/>Further information can be found in chapter <b>"Cable plug Type 2513, form A according to DIN EN 175301 - 803"</b> on page 21.</li> </ul> |
| <b>Pneumatic connection</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Supply connection 1, 3, 5                 | Threaded G ¼, NPT ¼                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Working port 2, 4                         | Threaded G ¼, NPT ¼                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Auxiliary pilot air port                  | M5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Approvals and conformities</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Degree of protection                      | IP65 with cable plug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Explosion protection                      | Further information can be found in chapter <b>"4.4. Explosion protection"</b> on page 8.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| North America (USA/Canada)                | Further information can be found in chapter <b>"4.5. North America (USA/Canada)"</b> on page 8.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Environment and installation</b>       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Installation position                     | As required, preferably with actuator upright                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

1.) Measurement at + 20 °C, 6 bar at valve outlet

2.) To prevent freezing of the expanded compressed air, the pressure dew point must be at least 10 K lower than the temperature of the medium.

2. Product variants

2.1. Standard variant



**Note:**  
For general technical data, see [“1. General technical data” on page 4.](#)

Type 6518 is a pilot operated 3/2-way valve (normally closed or open). The valve width of 32 mm allows high flow rates. The valves can be used individually or in blocks.

| Product properties                  | Coil size 24.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Coil size 32 mm                                                                                                                                                                                                                                                              |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Weight                              | 212 g                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 384 g                                                                                                                                                                                                                                                                        |
| <b>Switching time</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                              |
| Opening                             | 20 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20 ms                                                                                                                                                                                                                                                                        |
| Closing                             | 40 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 40 ms                                                                                                                                                                                                                                                                        |
| <b>Electrical data</b>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                              |
| Operating voltage                   | 24 V DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 24 V DC<br>24/110/230 V 50/60 Hz                                                                                                                                                                                                                                             |
| <b>Power consumption</b>            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                              |
| Inrush                              | –                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | AC: 11 VA<br>AC: 6/2 VA/W                                                                                                                                                                                                                                                    |
| Hold                                | DC: 1.7 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DC: 2 W                                                                                                                                                                                                                                                                      |
| <b>Medium data</b>                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                              |
| Medium temperature                  | - 10 °C...+ 55 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | - 10 °C...+ 55 °C                                                                                                                                                                                                                                                            |
| <b>Product connections</b>          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                              |
| Electrical connection               | <ul style="list-style-type: none"><li>• Plug contacts according to DIN EN 175301 - 803 form B for cable plug <b>Type 2507</b> ▶<br/>Further information can be found in chapter “<b>Cable plug Type 2507, form B according to industry standard</b>” on page 22.</li><li>• Plug contacts according to DIN EN 175301 - 803 form C for cable plug <b>Type 2516</b> ▶<br/>Further information can be found in chapter “<b>Cable plug Type 2516, form C according to DIN EN 175301 - 803</b>” on page 22.</li></ul> | <ul style="list-style-type: none"><li>• Plug contacts according to DIN EN 175301 - 803 form A for cable plug <b>Type 2518</b> ▶<br/>Further information can be found in chapter “<b>Cable plug Type 2518, form A according to DIN EN 175301 - 803</b>” on page 21.</li></ul> |
| <b>Environment and installation</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                              |
| Ambient temperature                 | - 25 °C...+ 55 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | - 25 °C...+ 55 °C                                                                                                                                                                                                                                                            |

2.2. Ex mb and Ex eb mb variant



**Note:**

- Ex mb (with moulded cable) or Ex eb mb (with terminal box)
- The maximum medium temperature must never exceed the permitted temperature class (T4: + 135 °C, T5: + 100 °C, T6: + 85 °C) minus 5 K.

Ex mb approval is achieved by fitting the valve with a corresponding push-over coil. The cable connection and the cable are permanently moulded to the coil. The valves can be used individually or on blocks.



| Product properties           |                                                   |                          |
|------------------------------|---------------------------------------------------|--------------------------|
| Weight                       | 600 g                                             |                          |
| Switching time               |                                                   |                          |
| Opening                      | 20 ms                                             |                          |
| Closing                      | 50 ms                                             |                          |
| Electrical data              |                                                   |                          |
| Operating voltage            | 24/110/230 V UC                                   |                          |
| Voltage tolerance            | ± 10 %                                            |                          |
| Medium data                  |                                                   |                          |
| Medium temperature           | - 10 °C...+ 55 °C                                 |                          |
| Product connections          |                                                   |                          |
| Electrical connection        | 3 m cable, moulded<br>Terminal box (without fuse) |                          |
| Approvals and conformities   |                                                   |                          |
| Explosion protection         | ATEX                                              | IECEX                    |
| Coil with cable              | EPS 18 ATEX 1 232 X                               | IECEX EPS 18.0110X       |
|                              | II 2G Ex mb IIC T* Gb                             | Ex mb IIC T* Gb          |
|                              | II 2D Ex mb IIIC T*** °C Db                       | Ex mb IIIC T*** °C Db    |
| Coil with terminal box       | EPS 18 ATEX 1 232 X                               | IECEX EPS 18.0110X       |
|                              | II 2G Ex eb mb IIC T* Gb                          | Ex eb mb IIC T* Gb       |
|                              | II 2D Ex mb tb IIIC T*** °C Db                    | Ex mb tb IIIC T*** °C Db |
| Environment and installation |                                                   |                          |
| Ambient temperature          | - 25 °C...+ 50 °C                                 |                          |

T\* = temperature classes T4, T5 or T6

2.3. Ex ia variant



- Note:**
- The maximum medium temperature must never exceed the permitted temperature class (T4: +135 °C, T5: +100 °C, T6: +85 °C) minus 5 K.
  - The units may only be used in potentially explosive atmospheres in the manner approved by the admission board, i.e. the permissible maximum electrical values must be observed.
  - The valves is intended for operation at 24 V DC outputs via the intermediate switching of a corresponding intrinsically safe operating resource (isolating module or barrier).
- The intrinsically-safe Type 6518 Ex ia valve consist of an intrinsically-safe pilot control and a pneumatic amplifier. The diaphragm-controlled valve seats work with very low friction, ensuring reliable switching of the valve, even after long shut-down periods.

| Product properties                           |                                                                                                                                                                                          |                       |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Weight                                       | 580 g                                                                                                                                                                                    |                       |
| Switching time                               |                                                                                                                                                                                          |                       |
| Opening                                      | 75 ms                                                                                                                                                                                    |                       |
| Closing                                      | 115 ms                                                                                                                                                                                   |                       |
| Electrical data                              |                                                                                                                                                                                          |                       |
| Function values for switching function valve | At + 20 °C                                                                                                                                                                               | At + 55 °C            |
| Minimum switching current                    | 29 mA                                                                                                                                                                                    | 29 mA                 |
| Nominal resistance coil                      | 310 Ω                                                                                                                                                                                    | 360 Ω                 |
| Minimum terminal voltage                     | 9.0 V                                                                                                                                                                                    | 10.4 V                |
| Conformity specifications                    |                                                                                                                                                                                          |                       |
| Ui                                           | 35 V                                                                                                                                                                                     |                       |
| Ii                                           | 0.9 A                                                                                                                                                                                    |                       |
| Pi                                           | 1.1 W                                                                                                                                                                                    |                       |
| Medium data                                  |                                                                                                                                                                                          |                       |
| Medium temperature                           | - 10 °C...+ 55 °C                                                                                                                                                                        |                       |
| Product connections                          |                                                                                                                                                                                          |                       |
| Electrical connection                        | Cable plug Type 2518, form A acc. to DIN EN 175301 - 803. Further information can be found in chapter <b>"Cable plug Type 2518, form A according to DIN EN 175301 - 803"</b> on page 21. |                       |
| Approvals and conformities                   |                                                                                                                                                                                          |                       |
| Explosion protection                         | ATEX                                                                                                                                                                                     | IECEx                 |
|                                              | EPS 18 ATEX 1 088 X                                                                                                                                                                      | IECEx EPS 18.0038X    |
|                                              | II 2G Ex ia IIC T6/T4 Gb                                                                                                                                                                 | Ex ia IIC T6/T4 Gb    |
|                                              | II 2D Ex ia IIIC T135 °C Db                                                                                                                                                              | Ex ia IIIC T135 °C Db |
| Environment and installation                 |                                                                                                                                                                                          |                       |
| Ambient temperature                          | - 25 °C...+ 55 °C                                                                                                                                                                        |                       |

3. Circuit functions

| Symbol | Description                                                                                                             |
|--------|-------------------------------------------------------------------------------------------------------------------------|
|        | <b>Circuit function C (CF C)</b><br>3/2-way solenoid valve<br>Servo-controlled<br>Normally closed                       |
|        | <b>Circuit function C (CF C)</b><br>3/2-way solenoid valve<br>Servo-controlled, with manual override<br>Normally closed |
|        | <b>Circuit function D (CF D)</b><br>3/2-way solenoid valve<br>Servo-controlled, with manual override<br>Normally open   |

## 4. Approvals and conformities

### 4.1. General notes

- The approvals and conformities listed below must be stated when making enquiries. This is the only way to ensure that the product complies with all required specifications.
- Not all available variants can be supplied with the below mentioned approvals or conformities.

### 4.2. Conformity

In accordance with the Declaration of Conformity, the product is compliant with the EU Directives.

### 4.3. Standards

The applied standards which are used to demonstrate compliance with the EU Directives are listed in the EU-Type Examination Certificate and/or the EU Declaration of Conformity.

### 4.4. Explosion protection

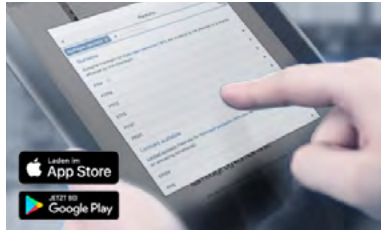
| Approval                                                                                                                                                                  | Description                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br> | <b>Optional: Explosion protection</b><br><br>Refer to the corresponding sub-chapter in chapter <b>"2. Product variants"</b> on page 5 for more information. |

### 4.5. North America (USA/Canada)

| Approval                                                                            | Description                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Optional: UL Listed for the USA and Canada</b><br>The products are UL Listed for the USA and Canada according to: <ul style="list-style-type: none"> <li>• UL 429 (electrically operated valves)</li> <li>• CAN/CSA-C22.2 No. 139 - 19</li> </ul>         |
|  | <b>Optional (valid for coils): UL Hazardous Locations – Explosion Protection</b><br>UL Listed for Hazardous Locations for USA and Canada<br>Class I, Zone 1<br>Class I, Division 2, Group A, B, C and D<br>Class II + III, Division 2, Group F and G         |
|  | <b>Optional: UL Recognized for the USA and Canada</b><br>The products are UL Recognized for the USA and Canada according to: <ul style="list-style-type: none"> <li>• UL 429 (electrically operated valves)</li> <li>• CAN/CSA-C22.2 No. 139 - 19</li> </ul> |
|  | <b>Optional (valid for coils): FM (Factory Mutual) – Explosion Protection</b><br>FM for Hazardous Locations for USA and Canada<br>Class I, Zone 1<br>Class I, Division 1, Groups A, B, C and D<br>Class II + III, Division 1, Groups E, F and G              |

## 5. Materials

### 5.1. Bürkert resistApp



#### Bürkert resistApp – Chemical resistance chart

You want to ensure the reliability and durability of the materials in your individual application case? Verify your combination of media and materials on our website or in our resistApp.

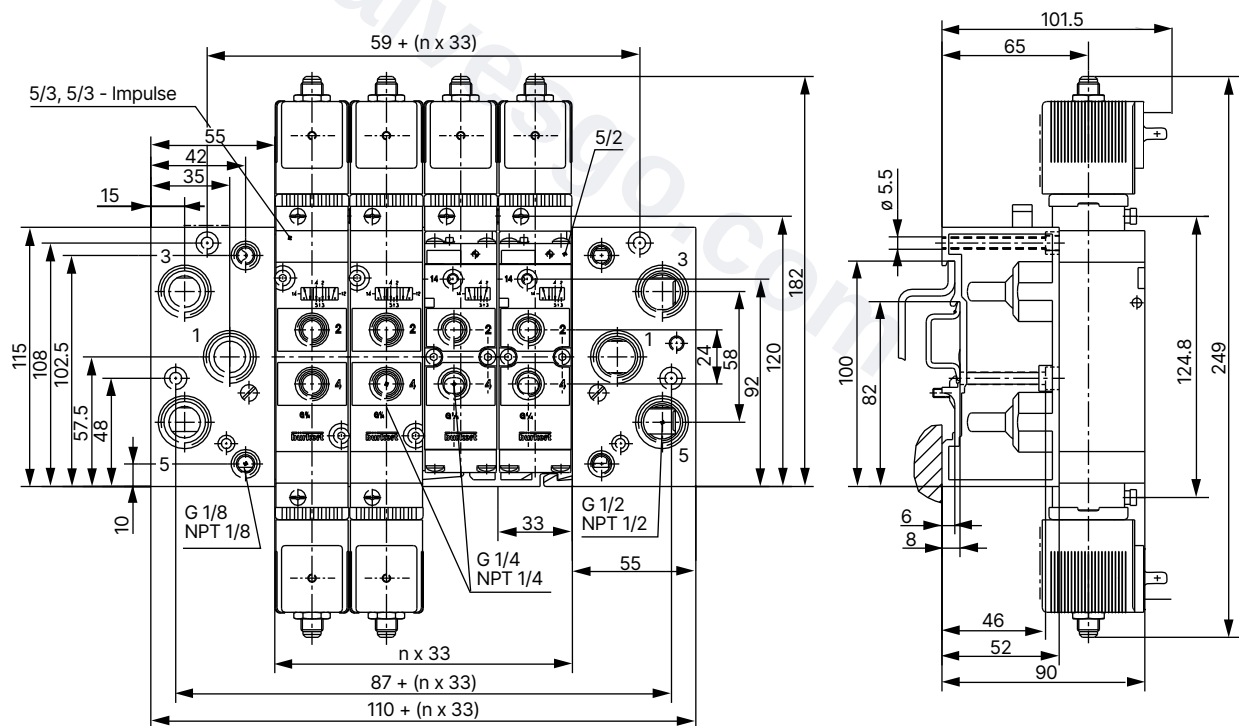
[Start chemical resistance check](#)

## 6. Dimensions

### 6.1. Pneumatic module Type MP07

#### Note:

- Dimensions in mm
- n = no. of valves, maximum 12
- Block mounting on wall or with DIN rail 50022 or 50023
- Valve mounting on the pneumatic modules Type MP07 by means of included M4 screws

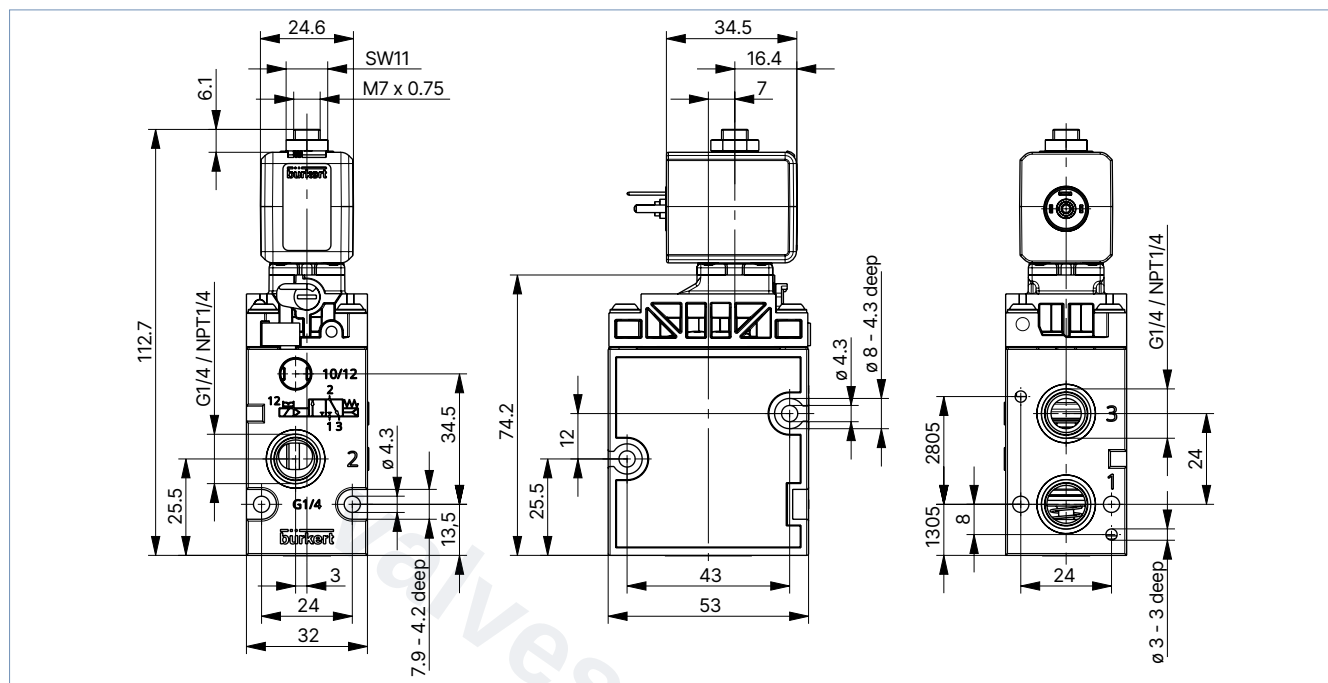


## 6.2. Standard variant 3/2-way valve, circuit function C and D

With plug form B or C

### Note:

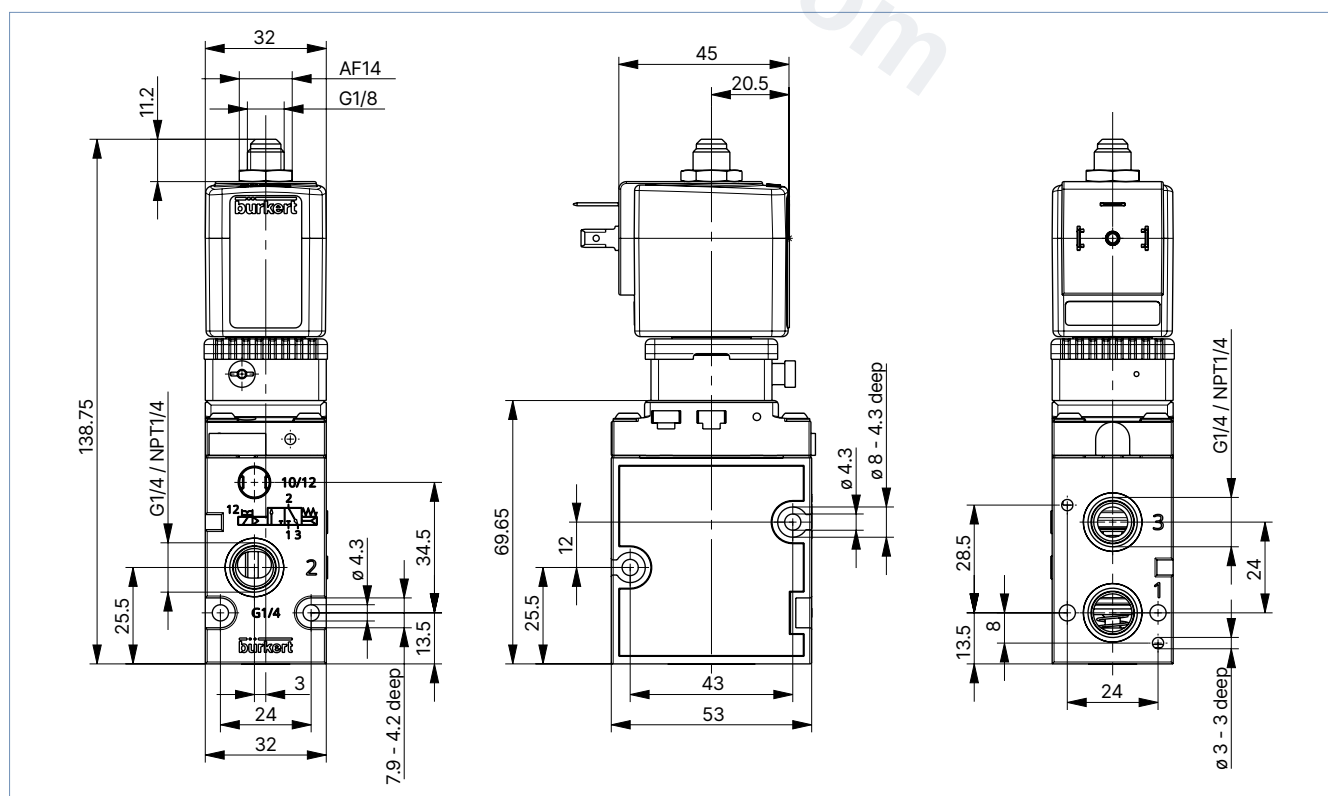
Dimensions in mm



With plug form A

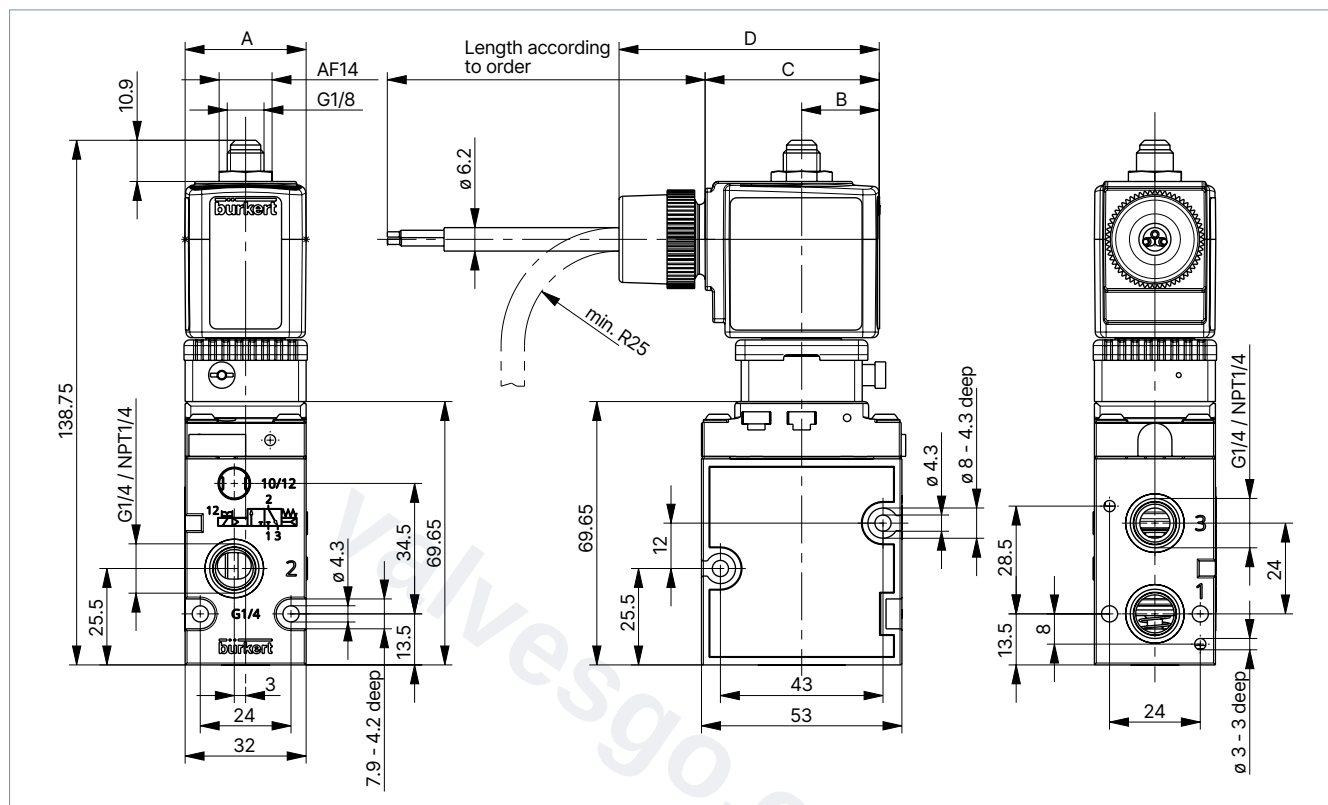
### Note:

Dimensions in mm



**With moulded cable (3 m long) (Ex mb)**

Dimensions in mm



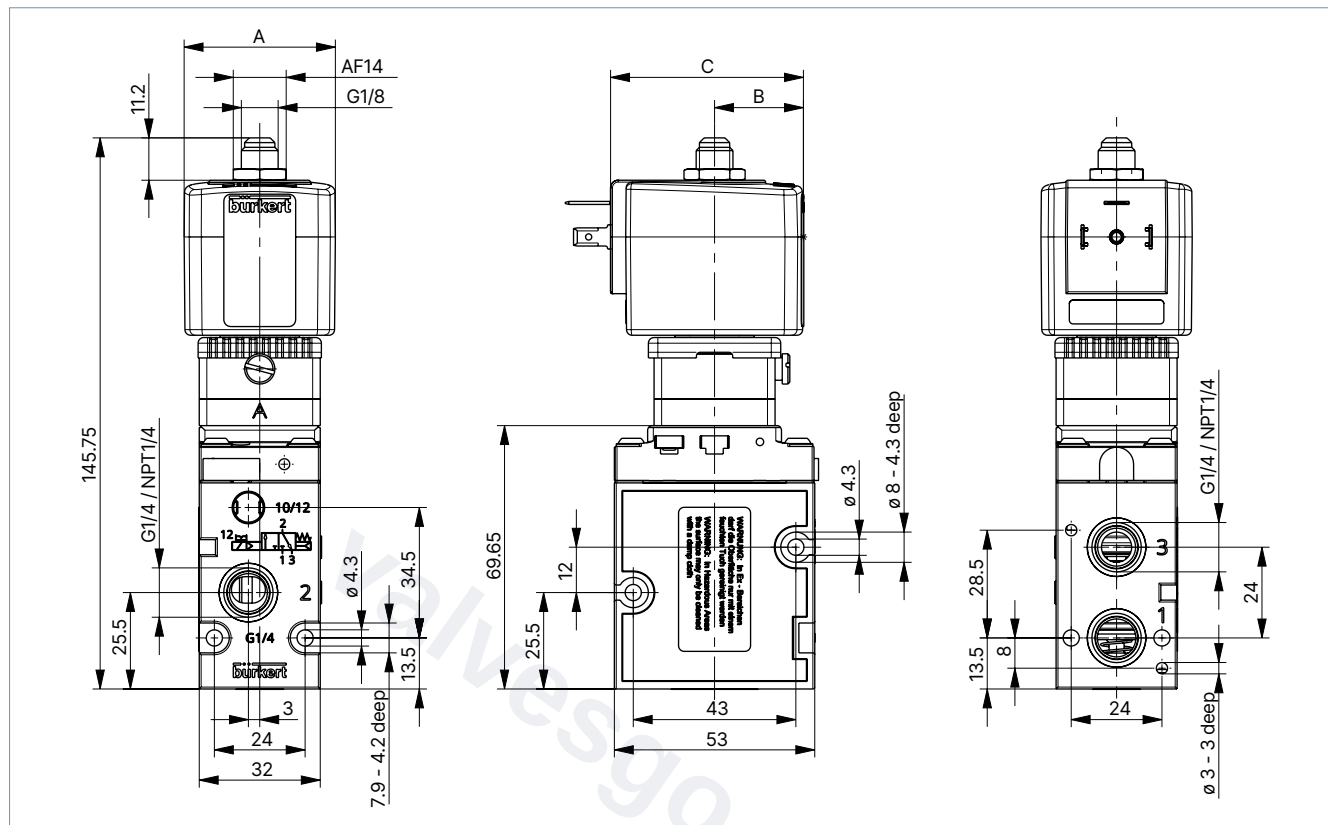
**Note:**

- The dimensions of the housing are identical to the variant with molded cable.
- For the coil dimensions, see chapter **“6.5. ATEX variant cable coil and terminal box”** on page 13.

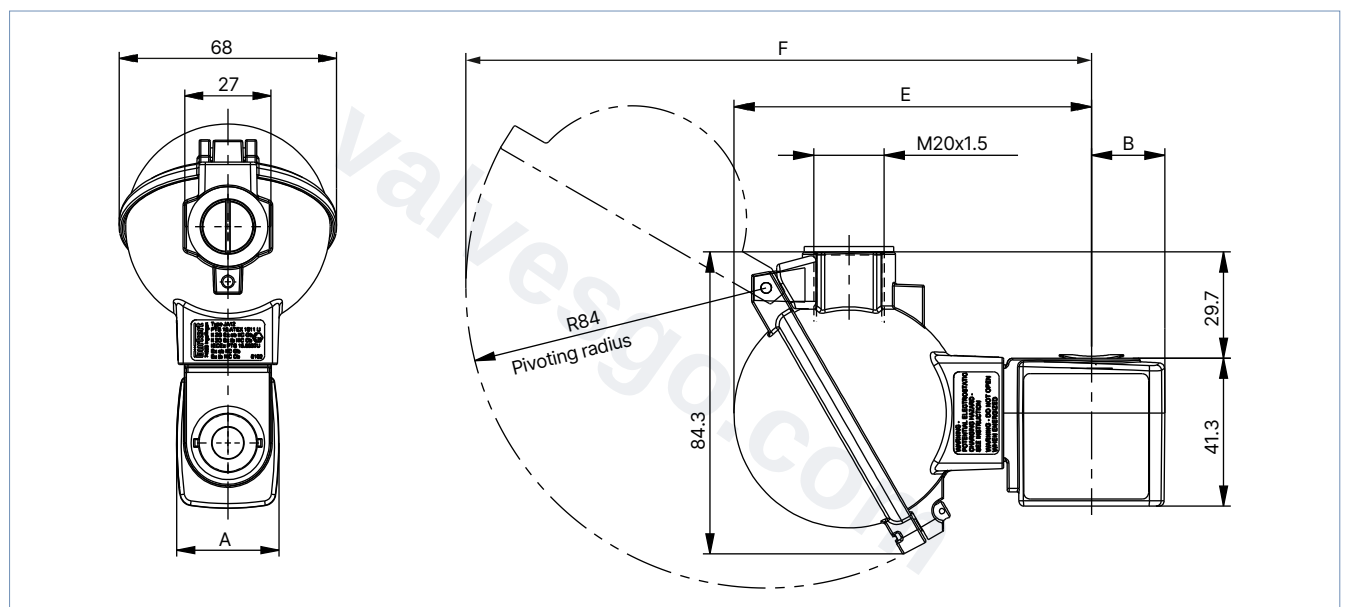
#### 6.4. Ex ia variant 3/2-way valve, circuit function C

**Note:**

Dimensions in mm



**Note:**

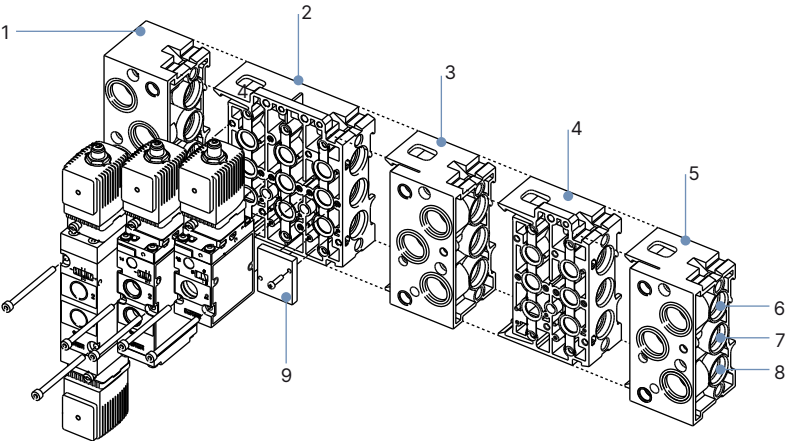
[illegible]

| Coil size | A    | B    | C    | D    | E     | F     |
|-----------|------|------|------|------|-------|-------|
|           | [mm] | [mm] | [mm] | [mm] | [mm]  | [mm]  |
| 5         | 32   | 20.5 | 46   | 66.8 | 99.8  | 174.7 |
| 6         | 40   | 23.5 | 52   | 74.8 | 102.8 | 177.7 |

7. Product design and assembly

7.1. Block assembly

**Note:**  
Single modules or pre-assembled blocks can be ordered.

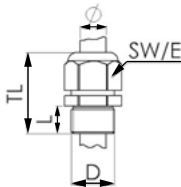
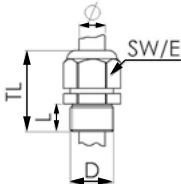


| No. | Element                                                                                                                                                                                               |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Connection module left                                                                                                                                                                                |
| 2   | Base module 3-fold                                                                                                                                                                                    |
| 3   | Intermediate module: supply connections pierced for additional pressure supply or<br>Connection module right: supply connections closed, thus enabling multiple operating pressures in a single block |
| 4   | Base module 2-fold                                                                                                                                                                                    |
| 5   | Connection module right                                                                                                                                                                               |
| 6   | Supply connection: 3(R)                                                                                                                                                                               |
| 7   | Supply connection: 1(P)                                                                                                                                                                               |
| 8   | Supply connection: 5(S)                                                                                                                                                                               |
| 9   | Cover plate for 3/2-way valve (to cover unused connections)                                                                                                                                           |

8. Product accessories

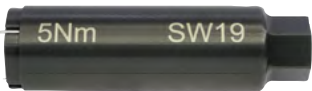
8.1. Cable glands for ATEX/IECEx terminal box

**Note:**  
A polyamide cable gland is included in the scope of delivery. A nickel-plated brass variant can be ordered for a surcharge, see [“Cable glands for ATEX/IECEx terminal box” on page 23.](#)

| Description                                                                                                                                | Ex approval                               |                                                  | Dimensions                                                                          |                                                                                                                                                                                             |    |            |   |       |   |       |    |       |   |       |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------|---|-------|---|-------|----|-------|---|-------|
|                                                                                                                                            | Certification                             | Identification                                   |                                                                                     |                                                                                                                                                                                             |    |            |   |       |   |       |    |       |   |       |
| Ex cable gland,<br>nickel-plated brass, 6...13 mm<br><br> | PTB 04 ATEX 1112 X,<br>IECEX PTB 13.0027X | II 2 G Ex e IIC Gb,<br>II 2 D Ex tb IIIC Db IP68 |  | <table><tr><td>TL</td><td>29...37 mm</td></tr><tr><td>L</td><td>6 mm</td></tr><tr><td>D</td><td>20 mm</td></tr><tr><td>SW</td><td>24 mm</td></tr><tr><td>E</td><td>27 mm</td></tr></table>  | TL | 29...37 mm | L | 6 mm  | D | 20 mm | SW | 24 mm | E | 27 mm |
| TL                                                                                                                                         | 29...37 mm                                |                                                  |                                                                                     |                                                                                                                                                                                             |    |            |   |       |   |       |    |       |   |       |
| L                                                                                                                                          | 6 mm                                      |                                                  |                                                                                     |                                                                                                                                                                                             |    |            |   |       |   |       |    |       |   |       |
| D                                                                                                                                          | 20 mm                                     |                                                  |                                                                                     |                                                                                                                                                                                             |    |            |   |       |   |       |    |       |   |       |
| SW                                                                                                                                         | 24 mm                                     |                                                  |                                                                                     |                                                                                                                                                                                             |    |            |   |       |   |       |    |       |   |       |
| E                                                                                                                                          | 27 mm                                     |                                                  |                                                                                     |                                                                                                                                                                                             |    |            |   |       |   |       |    |       |   |       |
| Ex cable gland,<br>polyamide, 7...13 mm<br><br>          | PTB 13 ATEX 1015 X,<br>IECEX PTB 13.0034X | II 2 G Ex e IIC Gb,<br>II 2 D Ex tb IIIC Db IP68 |  | <table><tr><td>TL</td><td>36...45 mm</td></tr><tr><td>L</td><td>10 mm</td></tr><tr><td>D</td><td>20 mm</td></tr><tr><td>SW</td><td>24 mm</td></tr><tr><td>E</td><td>28 mm</td></tr></table> | TL | 36...45 mm | L | 10 mm | D | 20 mm | SW | 24 mm | E | 28 mm |
| TL                                                                                                                                         | 36...45 mm                                |                                                  |                                                                                     |                                                                                                                                                                                             |    |            |   |       |   |       |    |       |   |       |
| L                                                                                                                                          | 10 mm                                     |                                                  |                                                                                     |                                                                                                                                                                                             |    |            |   |       |   |       |    |       |   |       |
| D                                                                                                                                          | 20 mm                                     |                                                  |                                                                                     |                                                                                                                                                                                             |    |            |   |       |   |       |    |       |   |       |
| SW                                                                                                                                         | 24 mm                                     |                                                  |                                                                                     |                                                                                                                                                                                             |    |            |   |       |   |       |    |       |   |       |
| E                                                                                                                                          | 28 mm                                     |                                                  |                                                                                     |                                                                                                                                                                                             |    |            |   |       |   |       |    |       |   |       |

8.2. Special tool to turn the terminal box

**Note:**  
This special tool is not included in the scope of delivery of the valve, see [“Cable glands for ATEX/IECEx terminal box” on page 23.](#)

| Description                                                                                          | Components of the set                                                                   |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Set SC02-AC10<br> | <ul style="list-style-type: none"><li>• Special tool</li><li>• Service manual</li></ul> |

DTS 1000011064 EN Version: J Status: RL (released | freigegeben | valide) printed: 19.02.2026

## 9. Ordering information

### 9.1. Bürkert eShop



#### Bürkert eShop – Easy ordering and quick delivery

You want to find your desired Bürkert product or spare part quickly and order directly? Our online shop is available for you 24/7. Sign up and enjoy all the benefits.

[Order online now](#)

### 9.2. Bürkert configurator



#### Bürkert configurator – Configuring products easily

You want to put together a product that is precisely tailored to your needs in just a few guided steps? Configure selected Bürkert products with our online configurator.

[Configure product](#)

### 9.3. Bürkert product filter



#### Bürkert product filter – Get quickly to the right product

You want to select products comfortably based on your technical requirements? Use the Bürkert product filter and find suitable articles for your application quickly and easily.

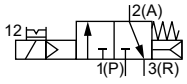
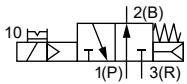
[Try out our product filter](#)

#### 9.4. Ordering chart standard variant

##### With plug form A

###### Note:

- Please note that the cable plug must be ordered separately.
- See "Cable plug Type 2513, form A according to DIN EN 175301 - 803" on page 21 or separate data sheet for **Type 2513** ►.
- See "Cable plug Type 2518, form A according to DIN EN 175301 - 803" on page 21 or separate data sheet for **Type 2518** ►.
- Other variants without manual override are available on request.

| Circuit function                                                                                                                                                                               | Orifice | Q <sub>Nn</sub> value<br>air <sup>1.)</sup> | Voltage/<br>Frequency | Nominal<br>power | Pressure<br>range <sup>2.)</sup> | Seal<br>material<br>Body      | Electrical<br>connection | Article no. |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------|-----------------------|------------------|----------------------------------|-------------------------------|--------------------------|-------------|----------|
|                                                                                                                                                                                                | [mm]    | [l/min]                                     | [V/Hz]                | [W]              | [bar]                            |                               |                          | G ¼         | NPT ¼    |
| <b>CF C</b><br>3/2-way solenoid valve<br>Servo-controlled, with<br>manual override<br>Normally closed<br><br> | 8.0     | 1300                                        | 24 DC                 | 2                | 2...10                           | NBR and<br>PUR<br>(Polyamide) | Form A                   | 132457 ㉞    | 132725 ㉞ |
|                                                                                                                                                                                                |         |                                             | 24 / 50/60            |                  |                                  |                               |                          | 132458 ㉞    | o. r.    |
|                                                                                                                                                                                                |         |                                             | 110 / 50/60           |                  |                                  |                               |                          | 132459 ㉞    | o. r.    |
|                                                                                                                                                                                                |         |                                             | 230 / 50/60           |                  |                                  |                               |                          | 132460 ㉞    | o. r.    |
| <b>CF D</b><br>3/2-way solenoid valve<br>Servo-controlled, with<br>manual override<br>Normally open<br><br> | 8.0     | 1300                                        | 24 DC                 | 2                | 2...10                           | NBR and<br>PUR<br>(Polyamide) | Form A                   | 132461 ㉞    | o. r.    |
|                                                                                                                                                                                                |         |                                             | 24 / 50/60            |                  |                                  |                               |                          | 132462 ㉞    | o. r.    |
|                                                                                                                                                                                                |         |                                             | 110 / 50/60           |                  |                                  |                               |                          | 132463 ㉞    | o. r.    |
|                                                                                                                                                                                                |         |                                             | 230 / 50/60           |                  |                                  |                               |                          | 132464 ㉞    | o. r.    |

o. r. = on request

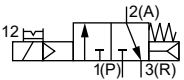
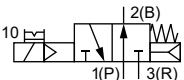
1.) Measurement at + 20 °C, 6 bar at valve inlet and 1 bar differential pressure

2.) Pressure data: overpressure to atmospheric pressure

## With plug form B

## Note:

- Please note that the cable plug must be ordered separately, see “[Cable plug Type 2507, form B according to industry standard](#)” on [page 22](#) or separate data sheet for **Type 2507** ▶.
- Other variants without manual override are available on request.

| Circuit function                                                                                                                                                                           | Orifice | Q <sub>Nn</sub> value<br>air <sup>1.)</sup> | Voltage/<br>Frequency | Nominal<br>power | Pressure<br>range <sup>2.)</sup> | Seal<br>material<br>Body      | Electrical<br>connection | Article no. |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------|-----------------------|------------------|----------------------------------|-------------------------------|--------------------------|-------------|------------|
|                                                                                                                                                                                            | [mm]    |                                             |                       |                  |                                  |                               |                          | G ¼         | NPT ¼      |
| <b>CF C</b><br>3/2-way solenoid valve<br>Servo-controlled, with<br>manual override<br>Normally closed<br> | 8.0     | 1300                                        | 24 DC                 | 1.7              | 2...10                           | NBR and<br>PUR<br>(Polyamide) | Form B                   | 20053701 ㉞  | 20053702 ㉞ |
|                                                                                                                                                                                            |         |                                             | 24 / 50               |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                            |         |                                             | 024 / 60              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                            |         |                                             | 110 / 50              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                            |         |                                             | 120 / 60              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                            |         |                                             | 230 / 50              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                            |         |                                             | 240 / 60              |                  |                                  |                               |                          | o. r.       | o. r.      |
| <b>CF D</b><br>3/2-way solenoid valve<br>Servo-controlled, with<br>manual override<br>Normally open<br>  | 8.0     | 1300                                        | 24 DC                 | 1.7              | 2...10                           | NBR and<br>PUR<br>(Polyamide) | Form B                   | o. r.       | o. r.      |
|                                                                                                                                                                                            |         |                                             | 24 / 50               |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                            |         |                                             | 024 / 60              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                            |         |                                             | 110 / 50              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                            |         |                                             | 120 / 60              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                            |         |                                             | 230 / 50              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                            |         |                                             | 240 / 60              |                  |                                  |                               |                          | o. r.       | o. r.      |

o. r. = on request

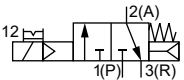
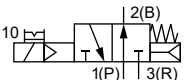
1.) Measurement at + 20 °C, 6 bar at valve inlet and 1 bar differential pressure

2.) Pressure data: overpressure to atmospheric pressure

## With plug form C

## Note:

- Please note that the cable plug must be ordered separately, see “[Cable plug Type 2516, form C according to DIN EN 175301-803](#)” on [page 22](#) or separate data sheet for **Type 2516** ▶.
- Other variants without manual override are available on request.

| Circuit function                                                                                                                                                                             | Orifice | Q <sub>Nn</sub> value<br>air <sup>1.)</sup> | Voltage/<br>Frequency | Nominal<br>power | Pressure<br>range <sup>2.)</sup> | Seal<br>material<br>Body      | Electrical<br>connection | Article no. |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------|-----------------------|------------------|----------------------------------|-------------------------------|--------------------------|-------------|------------|
|                                                                                                                                                                                              | [mm]    |                                             |                       |                  |                                  |                               |                          | G ¼         | NPT ¼      |
| <b>CF C</b><br>3/2-way solenoid valve<br>Servo-controlled, with<br>manual override<br>Normally closed<br> | 8.0     | 1300                                        | 24 DC                 | 1.7              | 2...10                           | NBR and<br>PUR<br>(Polyamide) | Form C                   | 20053699 ㉞  | 20053700 ㉞ |
|                                                                                                                                                                                              |         |                                             | 24 / 50               |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                              |         |                                             | 024 / 60              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                              |         |                                             | 110 / 50              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                              |         |                                             | 120 / 60              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                              |         |                                             | 230 / 50              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                              |         |                                             | 240 / 60              |                  |                                  |                               |                          | o. r.       | o. r.      |
| <b>CF D</b><br>3/2-way solenoid valve<br>Servo-controlled, with<br>manual override<br>Normally open<br>   | 8.0     | 1300                                        | 24 DC                 | 1.7              | 2...10                           | NBR and<br>PUR<br>(Polyamide) | Form C                   | o. r.       | o. r.      |
|                                                                                                                                                                                              |         |                                             | 24 / 50               |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                              |         |                                             | 024 / 60              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                              |         |                                             | 110 / 50              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                              |         |                                             | 120 / 60              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                              |         |                                             | 230 / 50              |                  |                                  |                               |                          | o. r.       | o. r.      |
|                                                                                                                                                                                              |         |                                             | 240 / 60              |                  |                                  |                               |                          | o. r.       | o. r.      |

o. r. = on request

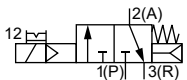
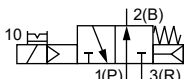
1.) Measurement at + 20 °C, 6 bar at valve inlet and 1 bar differential pressure

2.) Pressure data: overpressure to atmospheric pressure

### 9.5. Ordering chart Ex mb variant (with moulded cable)

**Note:**

- The article numbers listed are designed for temperature class T5. Other temperature classes are available on request.
- Other variants without manual override are available on request.

| Circuit function                                                                                                                                                                               | Orifice | Q <sub>Nn</sub> value air <sup>1.)</sup> | Voltage/<br>Frequency | Nominal<br>power | Pressure<br>range <sup>2.)</sup> | Seal material<br>Body      | Article no. |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------|-----------------------|------------------|----------------------------------|----------------------------|-------------|-------|
|                                                                                                                                                                                                | [mm]    | [l/min]                                  | [V/Hz]                | [W]              | [bar]                            |                            | G ¼         | NPT ¼ |
| <b>CF C</b><br>3/2-way solenoid valve<br>Servo-controlled, with<br>manual override<br>Normally closed<br><br> | 8.0     | 1300                                     | 24 UC                 | 3                | 2...10                           | NBR and PUR<br>(Polyamide) | 350443 ☒    | o. r. |
|                                                                                                                                                                                                |         |                                          | 110 UC                |                  |                                  |                            | 350449 ☒    | o. r. |
|                                                                                                                                                                                                |         |                                          | 230 UC                |                  |                                  |                            | 350451 ☒    | o. r. |
| <b>CF D</b><br>3/2-way solenoid valve<br>Servo-controlled, with<br>manual override<br>Normally open<br><br>   | 8.0     | 1300                                     | 24 UC                 | 3                | 2...10                           | NBR and PUR<br>(Polyamide) | 350452 ☒    | o. r. |
|                                                                                                                                                                                                |         |                                          | 110 UC                |                  |                                  |                            | o. r.       | o. r. |
|                                                                                                                                                                                                |         |                                          | 230 UC                |                  |                                  |                            | o. r.       | o. r. |

o. r. = on request

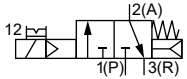
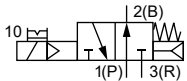
1.) Measurement at + 20 °C, 6 bar at valve inlet and 1 bar differential pressure

2.) Pressure data: overpressure to atmospheric pressure

### 9.6. Ordering chart Ex eb mb variant (with terminal box)

**Note:**

- The article numbers listed are designed for temperature class T5. Other temperature classes are available on request.
- Other variants without manual override are available on request.

| Circuit function                                                                                                                                                                                 | Orifice | Q <sub>Nn</sub> value air <sup>1.)</sup> | Voltage/<br>Frequency | Nominal<br>power | Pressure<br>range <sup>2.)</sup> | Seal material<br>Body      | Article no. |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------|-----------------------|------------------|----------------------------------|----------------------------|-------------|-------|
|                                                                                                                                                                                                  | [mm]    | [l/min]                                  | [V/Hz]                | [W]              | [bar]                            |                            | G ¼         | NPT ¼ |
| <b>CF C</b><br>3/2-way solenoid valve<br>Servo-controlled, with<br>manual override<br>Normally closed<br><br> | 8.0     | 1300                                     | 24 UC                 | 3                | 2...10                           | NBR and PUR<br>(Polyamide) | 350446 ☒    | o. r. |
|                                                                                                                                                                                                  |         |                                          | 110 UC                |                  |                                  |                            | 350450 ☒    | o. r. |
|                                                                                                                                                                                                  |         |                                          | 230 UC                |                  |                                  |                            | 368752 ☒    | o. r. |
| <b>CF D</b><br>3/2-way solenoid valve<br>Servo-controlled, with<br>manual override<br>Normally open<br><br>   | 8.0     | 1300                                     | 24 UC                 | 3                | 2...10                           | NBR and PUR<br>(Polyamide) | o. r.       | o. r. |
|                                                                                                                                                                                                  |         |                                          | 110 UC                |                  |                                  |                            | 20009771 ☒  | o. r. |
|                                                                                                                                                                                                  |         |                                          | 230 UC                |                  |                                  |                            | 20015790 ☒  | o. r. |

o. r. = on request

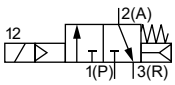
1.) Measurement at + 20 °C, 6 bar at valve inlet and 1 bar differential pressure

2.) Pressure data: overpressure to atmospheric pressure

### 9.7. Ordering chart Ex ia variant (310 Ohm)

**Note:**

- The article numbers listed are designed for temperature class T6. Other temperature classes are available on request.
- Please note that the cable plug must be ordered separately, see ["Cable plug Type 2518, form A according to DIN EN 175301-803" on page 21](#) or separate data sheet for **Type 2518** ▶.
- Other variants with manual override are available on request.
- Other variants with 481 Ohm are available on request.

| Circuit function                                                                                                                                                  | Orifice | Q <sub>Nn</sub> value<br>air <sup>1.)</sup> | Pressure<br>range <sup>2.)</sup> | Body material<br>pilot valve | Seal material<br>Body      | Material<br>threaded<br>bushing | Article no. |            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------|----------------------------------|------------------------------|----------------------------|---------------------------------|-------------|------------|
|                                                                                                                                                                   | [mm]    | [l/min]                                     | [bar]                            |                              |                            |                                 | G ¼         | NPT ¼      |
| <b>CF C</b><br>3/2-way solenoid valve<br>Servo-controlled<br>Normally closed<br> | 8.0     | 1300                                        | 2...10                           | Stainless steel<br>1.4305    | NBR and PUR<br>(Polyamide) | Stainless steel                 | 20000908 𐀀  | 20000931 𐀀 |
|                                                                                                                                                                   |         |                                             |                                  |                              |                            | Nickel-plated<br>Brass          | 20000913 𐀀  | o. r.      |

o. r. = on request

1.) Measurement at + 20 °C, 6 bar at valve inlet and 1 bar differential pressure

2.) Pressure data: overpressure to atmospheric pressure

### 9.8. Ordering example Type 6518 with pneumatic module Type MP07

**Note:**

Valves with Ex ia coil or Ex variants with terminal boxes are not suitable for the block assembly.

| Unit | Variant                                                   | Article no. |
|------|-----------------------------------------------------------|-------------|
| 1    | Connection module right, G ½                              | 635331 𐀀    |
| 1    | Base module 2-fold universal (for 3/2-, 5/2- and 5/3-way) | 635319 𐀀    |
| 1    | Base module 3-fold universal (for 3/2-, 5/2- and 5/3-way) | 635343 𐀀    |
| 1    | Connection module left, G ½                               | 635324 𐀀    |
| 5    | Valves Type 6518                                          | 132475 𐀀    |

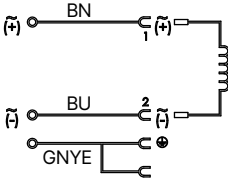
| Variant                                                               | Article no. |
|-----------------------------------------------------------------------|-------------|
| Connection module right, G ½                                          | 635331 𐀀    |
| Intermediate module                                                   | 637505 𐀀    |
| Base module 2-fold universal (for 3/2-, 5/2- and 5/3-way)             | 635319 𐀀    |
| Base module 3-fold universal (for 3/2-, 5/2- and 5/3-way)             | 635343 𐀀    |
| Connection module left, G ½                                           | 635324 𐀀    |
| Cover plate for 5/2-way and 5/3-way (to cover unused valve positions) | 635335 𐀀    |
| Cover plate for 3/2-way (to cover unused connections)                 | 635337 𐀀    |

9.9. Ordering chart accessories

Cable plug Type 2513, form A according to DIN EN 175301 - 803

Note:

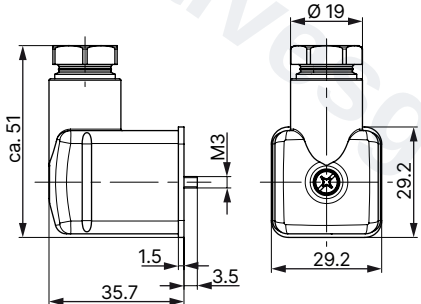
- The cable plug Type 2513 meets the requirements of ATEX Cat. 3 GD in assembly with a Bürkert solenoid valve.
- Refer to data sheet **Type 2513** ▶ for more information about the cable plug.

| Cable plug                                                                        | Circuit diagram                                                                   | Cable length | Article no.                                                                                |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------|
|                                                                                   |                                                                                   | [mm]         |                                                                                            |
|  |  | 12000        | 260893  |
|                                                                                   |                                                                                   | 5000         | 260892  |
|                                                                                   |                                                                                   | 3000         | 260891  |
|                                                                                   |                                                                                   | 300          | 260890  |

Cable plug Type 2518, form A according to DIN EN 175301 - 803

Note:

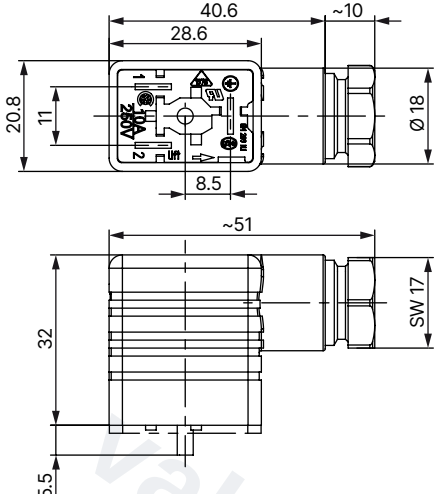
- Dimensions in mm
- For further variants see data sheet **Type 2518** ▶.

| Cable plug                                                                          | Dimensions                                                                          | Variant                                                                                             | Voltage         | Article no.                                                                                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------|
|  |  | Without wiring (AC/DC)                                                                              | 0...250 V AC/DC | 314802  |
|                                                                                     |                                                                                     | With LED (AC/DC)                                                                                    | 12...24 V AC/DC | 314812  |
|                                                                                     |                                                                                     | With LED and varistor (AC/DC)                                                                       | 12...24 V AC/DC | 314820  |
|                                                                                     |                                                                                     | With rectifier, LED and varistor                                                                    | 12...24 V AC/DC | 314816  |
|                                                                                     |                                                                                     | Without wiring (AC/DC) with silicone seal for higher ambient temperature, e.g. steam variant (NA07) | 0...250 V AC/DC | 361687  |
|                                                                                     |                                                                                     |                                                                                                     |                 |                                                                                              |

DTS 1000011064 EN Version: J Status: RL (released | freigegeben | valide) printed: 19.02.2026

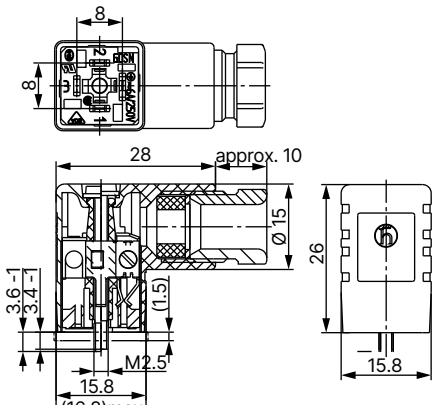
**Type 6518****Cable plug Type 2507, form B according to industry standard****Note:**

- Dimensions in mm
- The delivery of cable plug includes a flat seal and a fastening screw.
- Refer to data sheet **Type 2507** ► for more information about the cable plug.

| Cable plug                                                                        | Dimensions                                                                        | Variant                          | Voltage         | Article no. |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------|-----------------|-------------|
|  |  | Without wiring (standard)        | 2...250 V AC/DC | 423845 𐀀    |
|                                                                                   |                                                                                   | With LED                         | 24 V AC/DC      | 423849 𐀀    |
|                                                                                   |                                                                                   | With LED and free-wheeling diode | 12...24 V AC/DC | 423851 𐀀    |
|                                                                                   |                                                                                   | With rectifier, LED and varistor | 12...24 V AC/DC | 423853 𐀀    |
|                                                                                   |                                                                                   |                                  | 2...250 V AC/DC | 423854 𐀀    |

**Cable plug Type 2516, form C according to DIN EN 175301-803****Note:**

- Dimensions in mm
- The delivery of cable plug includes a flat seal and a fastening screw.
- For further variants see data sheet **Type 2516** ►.

| Cable plug                                                                          | Dimensions                                                                          | Variant                          | Voltage         | Article no. |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------|-----------------|-------------|
|  |  | Without wiring                   | 0...250 V AC/DC | 303141 𐀀    |
|                                                                                     |                                                                                     | With LED                         | 12...24 V AC/DC | 303145 𐀀    |
|                                                                                     |                                                                                     | With LED and varistor            | 12...24 V AC/DC | 303148 𐀀    |
|                                                                                     |                                                                                     | With rectifier, LED and varistor | 12...24 V AC/DC | 303142 𐀀    |
|                                                                                     |                                                                                     |                                  |                 |             |

Cable glands for ATEX/IECEx terminal box

Note:

- A polyamide cable gland is included in the scope of delivery. A nickel-plated brass variant can be ordered for a surcharge.
- Refer to **“8.1. Cable glands for ATEX/IECEx terminal box” on page 15** for more information about Ex cable glands.
- Refer to **“8.2. Special tool to turn the terminal box” on page 15** for more information about special tool.

| Description                                                     | Article no. |
|-----------------------------------------------------------------|-------------|
| Ex cable gland, nickel-plated brass, 6...13 mm <sup>1.)</sup>   | 773278 𐀀    |
| Ex cable gland, polyamide, 7...13 mm <sup>1.)</sup>             | 773277 𐀀    |
| Set SC02-AC10: special tool <sup>2.)</sup> incl. service manual | 293488 𐀀    |

1.) Cable diameter  
2.) Not included in the scope of delivery of the valve

valvesgo.com