



### Servo-assisted 2/2-way piston valve

- Servo-assisted and compact piston valve with diameter of up to DN 13
- Vibration-resistant , screwed coil system
- Energy-saving double coil technology with kick and drop variant
- Safe opening with hard-coupled piston system
- Explosion proof versions



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

#### Can be combined with

|  |                                                                                       |   |
|--|---------------------------------------------------------------------------------------|---|
|  | <p><b>Type 2518</b><br/>Cable plug,<br/>form A according to<br/>DIN EN 175301-803</p> | ▶ |
|  | <p><b>Type 2509</b><br/>Cable plug,<br/>form A according to<br/>DIN EN 175301-803</p> | ▶ |

#### Type description

The 6240 valve is a servo-assisted piston valve. The stopper and plunger guiding tube are welded together to enhance pressure resistance and leak-tightness. Various seal material combinations are available depending on the application. The housing design and surface quality enable maximum flow rates. The coils are moulded with chemically resistant epoxy. An optional sliding ring bearings increases the life cycle with dry gases. To reduce power consumption in operation, coils with Kick and Drop electronics assembly (double coil technology) are available.

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## 1. General technical data

| Product properties                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions                                       | Further information can be found in chapter <a href="#">"5. Dimensions" on page 11.</a>                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Material                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Body                                             | Brass, stainless steel 1.4404 / 316L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Coil                                             | Epoxy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Orifice                                          | DN 6, DN 12, DN 13 (steam version)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Circuit function                                 | A and B<br>Further information can be found in chapter <a href="#">"2. Circuit functions" on page 5.</a>                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Thermal insulation class of solenoid coil        | Epoxy coil class H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Performance data                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Duty cycle                                       | 100 % continuous operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Switching time <sup>1)</sup>                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Standard version DN 6                            | Opening: 10...20 ms<br>Closing: 40...50 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Standard version DN 12                           | Opening: 20...40 ms<br>Closing: 80...100 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Steam version DN 13                              | Opening: 80...100 ms<br>Closing: 200...300 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| High pressure version                            | Opening: 100...200 ms<br>Closing: 300...600 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Electrical data                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Operating voltage                                | 24 V DC, 24 V 50 Hz, 24 V 60 Hz, 110 V 50 Hz, 120 V 60 Hz, 230 V 50 Hz, 240 V 60 Hz (further voltages on request)                                                                                                                                                                                                                                                                                                                                                                                                              |
| Power consumption                                | Further information can be found in chapter <a href="#">"6.1. Power consumption" on page 17.</a>                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Voltage tolerance                                | ± 10 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Medium data                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Operating medium <sup>2)</sup>                   | Neutral gases and liquids (e.g. compressed air, water, hydraulic oil, steam and hot mediums)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Medium temperature                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Standard version                                 | <b>Seat seal/External seal</b><br>FKM/FKM: + 14 °F...+ 284 °F<br>EPDM/EPDM: - 22 °F...+ 248 °F<br>PTFE/FKM: + 14 °F...+ 284 °F                                                                                                                                                                                                                                                                                                                                                                                                 |
| High temperature version                         | PTFE/PEEK DN 6: - 40 °F...+ 356 °F<br>PTFE/PEEK DN 12: - 40 °F...+ 284 °F                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Steam version DN 13                              | FKM/FKM: + 32 °F...+ 284 °F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Approval DIN EN 161 (PO17)                       | NBR/NBR (PO17): + 14 °F...+ 176 °F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| High pressure version up to 3625 bar or 2321 bar | PCTFE/FKM: + 14 °F...+ 176 °F<br>PCTFE/EPDM: - 22 °F...+ 176 °F<br>PCTFE/PEEK: - 40 °F...+ 176 °F                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Viscosity                                        | Max. 21 cSt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Process/Port connection & communication          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Electrical connection                            | <ul style="list-style-type: none"> <li>Plug contacts according to DIN EN 175 301 - 803 form A for cable plug <b>Type 2518</b> ▶. Further information can be found in chapter <a href="#">"Cable plug Type 2518, form A according to DIN EN 175301 - 803" on page 25.</a></li> <li>Plug contacts according to DIN EN 175 301 - 803 form A for cable plug <b>Type 2509</b> ▶. Further information can be found in chapter <a href="#">"Cable plug Type 2509, form A according to DIN EN 175301 - 803" on page 25.</a></li> </ul> |
| Port connections                                 | G ¼, G ⅜, G ½, NPT ¼, NPT ⅜, NPT ½ (Rc on request), steam version DN 13 also in G ¾                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Approvals and conformities                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Degree of protection                             | IP65 with cable plug <b>Type 2518</b> ▶<br>NEMA 4X with cable plug <b>Type 2509</b> ▶ with stainless steel versions (other versions on request)                                                                                                                                                                                                                                                                                                                                                                                |
| Explosion protection                             | Further information can be found in chapter <a href="#">"3.4. Explosion protection" on page 6.</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| North America (USA/Canada)                       | Further information can be found in chapter <a href="#">"3.5. North America (USA/Canada)" on page 7.</a>                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Foods and beverages/Hygiene                      | Further information can be found in chapter <a href="#">"3.6. Foods and beverages/Hygiene" on page 7.</a>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Others                                           | Further information can be found in chapter <a href="#">"3.7. Others" on page 7.</a>                                                                                                                                                                                                                                                                                                                                                                                                                                           |

**Environment and installation**

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Installation position | As required, preferably with actuator upright                         |
| Ambient temperature   | Max. + 131 °F<br>Max. + 158 °F with Kick and Drop coil <sup>3.)</sup> |

- 1.) Measurement at + 68 °F, 87 psi at the valve outlet, opening: pressure build-up 0...90 %, closing: pressure reduction 100...10 %
- 2.) Medium resistance according to material combination
- 3.) The temperature specifications correspond to the specified switchable differential pressures. Higher temperatures are possible on request, depending on the differential pressure, duty cycle and number of switching operations Further information can be found in chapter "6.2. Ambient temperatures with Kick and Drop coils" on page 17.

**2. Circuit functions**

| Symbol | Description                                                                                                 |
|--------|-------------------------------------------------------------------------------------------------------------|
|        | <p><b>Circuit function A (CF A)</b><br/>2/2-way solenoid valve<br/>Servo-controlled<br/>Normally closed</p> |
|        | <p><b>Circuit function B (CF B)</b><br/>2/2-way solenoid valve<br/>Servo-controlled<br/>Normally open</p>   |

**3. Approvals and conformities**

**3.1. 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 verions can be supplied with the below mentioned approvals or conformities.

**3.2. Conformity**



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

**3.3. 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.





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3.4. Explosion protection


| Approval                                                                                                                                                                                                                                                                                                                                  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                           |                |                                                                |  |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                           |                               |  |                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |
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| <br><br>                                                                                                                                                                | <p><b>Optional: Explosion protection according to category 2 (zone 1/21)</b></p> <p>Ex marking of the components according to the following table:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #d9e1f2;">Coil Type AC10</th> <th style="background-color: #d9e1f2;">Coil Type AC19</th> </tr> </thead> <tbody> <tr> <td colspan="2" style="background-color: #d9e1f2;"><b>Coil with cable outlet</b></td> </tr> <tr> <td> <p><b>ATEX:</b><br/>                     EPS 18 ATEX 1232 X<br/>                     II 2G Ex mb IIC T4 Gb<br/>                     II 2D Ex mb IIIC T130 °C Db</p> <p><b>IECEX:</b><br/>                     IECEx EPS 18.0110 X<br/>                     Ex mb IIC T4 Gb<br/>                     Ex mb IIIC T130 °C Db</p> </td> <td> <p><b>ATEX:</b><br/>                     EPS 16 ATEX 1072 X<br/>                     II 2G Ex mb IIC T4 Gb<br/>                     II 2D Ex mb IIIC T130 °C Db</p> <p><b>IECEX:</b><br/>                     IECEx EPS 16.0030 X<br/>                     II 2G Ex mb IIC T4 Gb<br/>                     II 2D Ex mb IIIC T130 °C Db</p> </td> </tr> <tr> <td colspan="2" style="background-color: #d9e1f2;"><b>Coil with terminal box</b></td> </tr> <tr> <td> <p><b>ATEX:</b><br/>                     EPS 18 ATEX 1232 X<br/>                     II 2G Ex eb mb IIC T4 Gb<br/>                     II 2D Ex mb tb IIIC T130 °C Db</p> <p><b>IECEX:</b><br/>                     IECEx EPS 18.0110 X<br/>                     Ex eb mb IIC T4 Gb<br/>                     Ex mb tb IIIC T130 °C Db</p> </td> <td> <p><b>ATEX:</b><br/>                     EPS 16 ATEX 1072 X<br/>                     II 2G Ex eb mb IIC T4 Gb<br/>                     II 2D Ex mb tb IIIC T130 °C Db</p> <p><b>IECEX:</b><br/>                     IECEx EPS 16.0030 X<br/>                     II 2G Ex eb mb IIC T4 Gb<br/>                     II 2D Ex mb tb IIIC T130 °C Db</p> </td> </tr> </tbody> </table> | Coil Type AC10                                                                                                                                                                                                                                                                                                                            | Coil Type AC19 | <b>Coil with cable outlet</b>                                  |  | <p><b>ATEX:</b><br/>                     EPS 18 ATEX 1232 X<br/>                     II 2G Ex mb IIC T4 Gb<br/>                     II 2D Ex mb IIIC T130 °C Db</p> <p><b>IECEX:</b><br/>                     IECEx EPS 18.0110 X<br/>                     Ex mb IIC T4 Gb<br/>                     Ex mb IIIC T130 °C Db</p> | <p><b>ATEX:</b><br/>                     EPS 16 ATEX 1072 X<br/>                     II 2G Ex mb IIC T4 Gb<br/>                     II 2D Ex mb IIIC T130 °C Db</p> <p><b>IECEX:</b><br/>                     IECEx EPS 16.0030 X<br/>                     II 2G Ex mb IIC T4 Gb<br/>                     II 2D Ex mb IIIC T130 °C Db</p> | <b>Coil with terminal box</b> |  | <p><b>ATEX:</b><br/>                     EPS 18 ATEX 1232 X<br/>                     II 2G Ex eb mb IIC T4 Gb<br/>                     II 2D Ex mb tb IIIC T130 °C Db</p> <p><b>IECEX:</b><br/>                     IECEx EPS 18.0110 X<br/>                     Ex eb mb IIC T4 Gb<br/>                     Ex mb tb IIIC T130 °C Db</p> | <p><b>ATEX:</b><br/>                     EPS 16 ATEX 1072 X<br/>                     II 2G Ex eb mb IIC T4 Gb<br/>                     II 2D Ex mb tb IIIC T130 °C Db</p> <p><b>IECEX:</b><br/>                     IECEx EPS 16.0030 X<br/>                     II 2G Ex eb mb IIC T4 Gb<br/>                     II 2D Ex mb tb IIIC T130 °C Db</p> |
|                                                                                                                                                                                                                                                                                                                                           | Coil Type AC10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Coil Type AC19                                                                                                                                                                                                                                                                                                                            |                |                                                                |  |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                           |                               |  |                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                           | <b>Coil with cable outlet</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                           |                |                                                                |  |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                           |                               |  |                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                           | <p><b>ATEX:</b><br/>                     EPS 18 ATEX 1232 X<br/>                     II 2G Ex mb IIC T4 Gb<br/>                     II 2D Ex mb IIIC T130 °C Db</p> <p><b>IECEX:</b><br/>                     IECEx EPS 18.0110 X<br/>                     Ex mb IIC T4 Gb<br/>                     Ex mb IIIC T130 °C Db</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p><b>ATEX:</b><br/>                     EPS 16 ATEX 1072 X<br/>                     II 2G Ex mb IIC T4 Gb<br/>                     II 2D Ex mb IIIC T130 °C Db</p> <p><b>IECEX:</b><br/>                     IECEx EPS 16.0030 X<br/>                     II 2G Ex mb IIC T4 Gb<br/>                     II 2D Ex mb IIIC T130 °C Db</p> |                |                                                                |  |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                           |                               |  |                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |
| <b>Coil with terminal box</b>                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                           |                |                                                                |  |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                           |                               |  |                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |
| <p><b>ATEX:</b><br/>                     EPS 18 ATEX 1232 X<br/>                     II 2G Ex eb mb IIC T4 Gb<br/>                     II 2D Ex mb tb IIIC T130 °C Db</p> <p><b>IECEX:</b><br/>                     IECEx EPS 18.0110 X<br/>                     Ex eb mb IIC T4 Gb<br/>                     Ex mb tb IIIC T130 °C Db</p> | <p><b>ATEX:</b><br/>                     EPS 16 ATEX 1072 X<br/>                     II 2G Ex eb mb IIC T4 Gb<br/>                     II 2D Ex mb tb IIIC T130 °C Db</p> <p><b>IECEX:</b><br/>                     IECEx EPS 16.0030 X<br/>                     II 2G Ex eb mb IIC T4 Gb<br/>                     II 2D Ex mb tb IIIC T130 °C Db</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                           |                |                                                                |  |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                           |                               |  |                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                           | <p><b>Optional: Explosion protection according to category 3 (zone 2/22)</b></p> <p>Ex marking of the components according to the following table:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #d9e1f2;">Coil Type AC10</th> <th style="background-color: #d9e1f2;">Coil Type AC19</th> </tr> </thead> <tbody> <tr> <td colspan="2" style="background-color: #d9e1f2;"><b>Coil with plug contacts form A and cable plug Type 2509</b></td> </tr> <tr> <td> <p><b>ATEX:</b><br/>                     EPS 21 ATEX 1234 X<br/>                     II 3G Ex ec IIC T4 Gc<br/>                     II 3D Ex tc IIIC T130 °C Dc</p> <p><b>IECEX:</b><br/>                     IECEx EPS 21.0078 X<br/>                     Ex ec IIC T4 Gc<br/>                     Ex tc IIIC T130 °C Dc</p> </td> <td> <p><b>ATEX:</b><br/>                     EPS 22 ATEX 1136 X<br/>                     II 3G Ex ec IIC T3 Gc<br/>                     II 3D Ex tc IIIC T200 °C Dc</p> <p><b>IECEX:</b><br/>                     IECEx EPS 22.0018 X<br/>                     Ex ec IIC T3 Gc<br/>                     Ex tc IIIC T200 °C Dc</p> </td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Coil Type AC10                                                                                                                                                                                                                                                                                                                            | Coil Type AC19 | <b>Coil with plug contacts form A and cable plug Type 2509</b> |  | <p><b>ATEX:</b><br/>                     EPS 21 ATEX 1234 X<br/>                     II 3G Ex ec IIC T4 Gc<br/>                     II 3D Ex tc IIIC T130 °C Dc</p> <p><b>IECEX:</b><br/>                     IECEx EPS 21.0078 X<br/>                     Ex ec IIC T4 Gc<br/>                     Ex tc IIIC T130 °C Dc</p> | <p><b>ATEX:</b><br/>                     EPS 22 ATEX 1136 X<br/>                     II 3G Ex ec IIC T3 Gc<br/>                     II 3D Ex tc IIIC T200 °C Dc</p> <p><b>IECEX:</b><br/>                     IECEx EPS 22.0018 X<br/>                     Ex ec IIC T3 Gc<br/>                     Ex tc IIIC T200 °C Dc</p>             |                               |  |                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |
| Coil Type AC10                                                                                                                                                                                                                                                                                                                            | Coil Type AC19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                           |                |                                                                |  |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                           |                               |  |                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |
| <b>Coil with plug contacts form A and cable plug Type 2509</b>                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                           |                |                                                                |  |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                           |                               |  |                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |
| <p><b>ATEX:</b><br/>                     EPS 21 ATEX 1234 X<br/>                     II 3G Ex ec IIC T4 Gc<br/>                     II 3D Ex tc IIIC T130 °C Dc</p> <p><b>IECEX:</b><br/>                     IECEx EPS 21.0078 X<br/>                     Ex ec IIC T4 Gc<br/>                     Ex tc IIIC T130 °C Dc</p>             | <p><b>ATEX:</b><br/>                     EPS 22 ATEX 1136 X<br/>                     II 3G Ex ec IIC T3 Gc<br/>                     II 3D Ex tc IIIC T200 °C Dc</p> <p><b>IECEX:</b><br/>                     IECEx EPS 22.0018 X<br/>                     Ex ec IIC T3 Gc<br/>                     Ex tc IIIC T200 °C Dc</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                           |                |                                                                |  |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                           |                               |  |                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |

DTS 1000581100 EN Version: G Status: RL (released | freigegeben | validé) printed: 18.02.2025

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


| Approval                                                                          | Description                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Optional: UL Listed for the USA (valid for valves)</b><br>The valves are UL Listed for the USA according to: <ul style="list-style-type: none"> <li>• UL 429 (electrically operated valves)</li> </ul>                                            |
|  | <b>Optional: UL Hazardous Locations – Explosion Protection (valid for coils)</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 (valid for valves)</b><br>The valves are UL Recognized for the USA according to: <ul style="list-style-type: none"> <li>• UL 429 (electrically operated valves)</li> </ul>                                    |
|  | <b>Optional: CSA for Canada (valid for valves)</b><br>The valves are CSA approved for Canada according to: <ul style="list-style-type: none"> <li>• CSA 139 (electrically operated valves)</li> </ul>                                                |

### 3.6. Foods and beverages/Hygiene



| Conformity                                                                          | Description                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FDA                                                                                 | <b>FDA – Code of Federal Regulations (valid for the variable code PL02, PL03)</b><br>All wetted materials are compliant with the Code of Federal Regulations published by the FDA (Food and Drug Administration, USA) according to the manufacturer's declaration. |
|  | <b>EC Regulation 1935/2004 of the European Parliament and of the Council (valid for the variable code PL01, PL02)</b><br>All wetted materials are compliant with EC Regulation 1935/2004/EC according to the manufacturer's declaration.                           |

### 3.7. Others

#### Oxygen

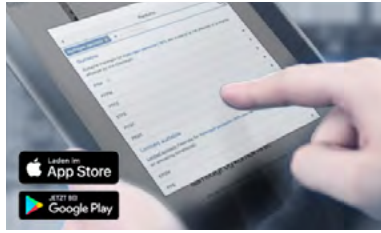
| Conformity                                                                          | Description                                                                                                                                                                       |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Optional: Suitability for oxygen (valid for the variable code NL02)</b><br>The products are suitable for use with gaseous oxygen, according to the manufacturer's declaration. |

#### Fuel gases

| Conformity                                                                          | Description                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Fuel gases (valid for the variable code PO17)</b><br>The products comply with: <ul style="list-style-type: none"> <li>• Regulation (EU) 2016/426 – Appliances burning gaseous fuels and</li> <li>• DVGW DIN EN 161 (Automatic shut-off valves for gas burners and gas appliances), class B</li> </ul> |
|  | <b>DIN EN 549:2023 - 07 certification</b><br>The wetted valve seals are compliant with DIN EN 549:2023 - 07 (Rubber materials for seals and diaphragms for gas appliances and gas equipment) for medium temperatures of - 10 °C...+ 80 °C.                                                               |

## 4. Materials

### 4.1. Bürkert resistApp



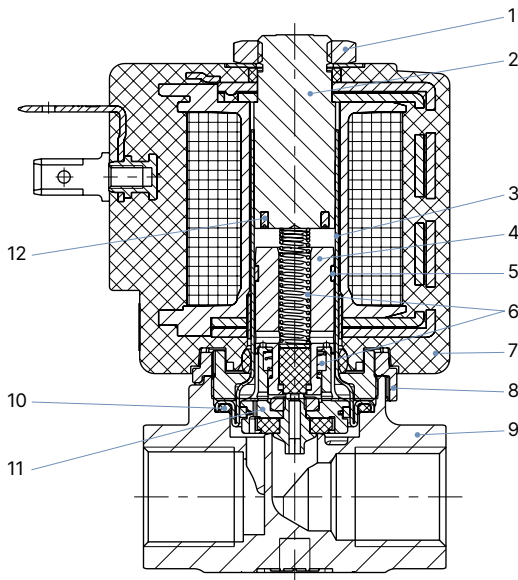
#### Bürkert resistApp – Chemical resistance chart

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](#)

### 4.2. Material specifications

#### Standard version

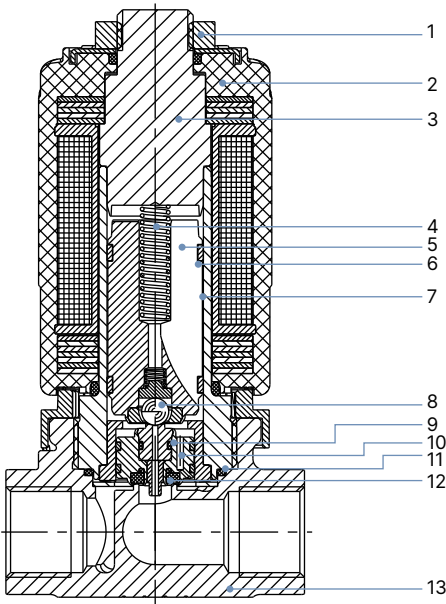


| No. | Element              | Material                                                                                                                                                                               |
|-----|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Nut                  | Steel (surface finish thick film passivated)<br>(Brass version) Stainless steel 1.4305/303 <sup>1.)</sup><br>PTFE (Stainless steel version)                                            |
| 2   | Stopper              | Stainless steel 1.4113/434 <sup>1.)</sup>                                                                                                                                              |
| 3   | Armature guide tube  | Stainless steel 1.4303/305 <sup>1.)</sup> /308 <sup>1.)</sup>                                                                                                                          |
| 4   | Core                 | Stainless steel 1.4113/434 <sup>1.)</sup>                                                                                                                                              |
| 5   | Guide ring           | PTFE coal-filled                                                                                                                                                                       |
| 6   | Springs              | Stainless steel 1.4310/301 <sup>1.)</sup>                                                                                                                                              |
| 7   | Coil                 | Epoxy                                                                                                                                                                                  |
| 8   | Safety lock          | PPS                                                                                                                                                                                    |
| 9   | Body                 | Brass/stainless steel 1.4404/316L <sup>1.)</sup> (CF3M)                                                                                                                                |
| 10  | Seal facing outwards | FKM/EPDM/PEEK (high temperature version)                                                                                                                                               |
| 11  | Piston complete      | Brass/stainless steel 1.4305/303 <sup>1.)</sup><br>Stainless steel<br>PEEK<br>PTFE coal-filled<br>FKM/EPDM/PTFE (PTFE for high temperature<br>and PTFE/FKM for high pressure versions) |
| 12  | Shading ring         | Copper/silver                                                                                                                                                                          |

1.) Material designation according to AISI



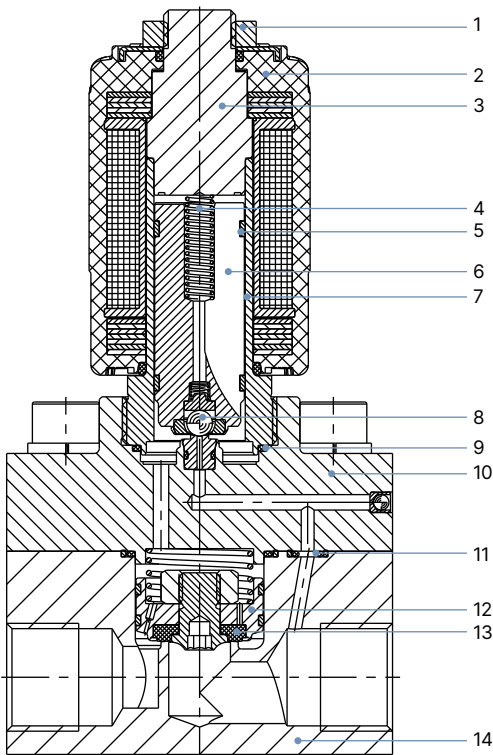
High pressure version up to 3626 psi or 2321 psi – DN 6



| No. | Element         | Material                                                            |
|-----|-----------------|---------------------------------------------------------------------|
| 1   | Nut             | Stainless steel 1.4305/303 <sup>1)</sup>                            |
| 2   | Coil            | Epoxy                                                               |
| 3   | Stopper         | Stainless steel 1.4523/316 <sup>1)</sup>                            |
| 4   | Spring          | Stainless steel 1.4310/301 <sup>1)</sup>                            |
| 5   | Core coupling   | Stainless steel 1.4113/434 <sup>1)</sup> , 1.4305/303 <sup>1)</sup> |
| 6   | Glide ring      | PTFE coal-filled                                                    |
| 7   | Guide tube      | Stainless steel 1.4571/316 Ti <sup>1)</sup>                         |
| 8   | Core seal       | Ceramic ball                                                        |
| 9   | Piston coupling | Stainless steel 1.4305/303 <sup>1)</sup> , PEEK, PTFE coal-filled   |
| 10  | Piston guide    | Stainless steel 1.4305/303 <sup>1)</sup>                            |
| 11  | Seal            | FKM, EPDM                                                           |
| 12  | Seat seal       | PCTFE                                                               |
| 13  | Body            | Stainless steel 1.4404/316L <sup>1)</sup> (CF3M)                    |

1.) Material designation according to AISI

High pressure version up to 3626 psi – DN 12

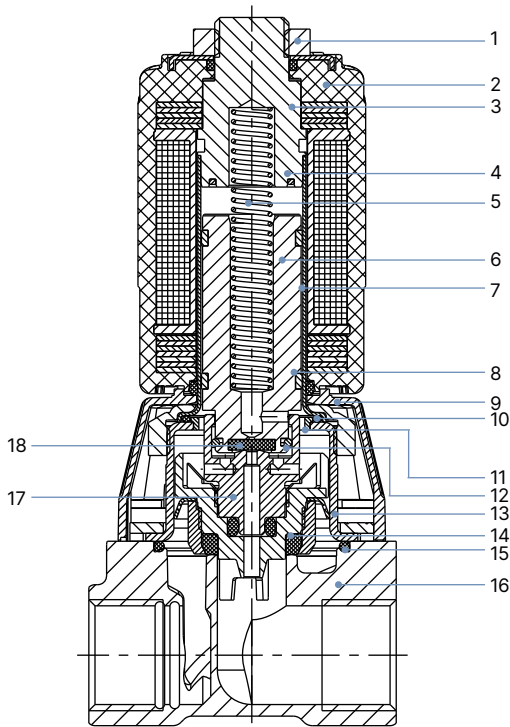


| No. | Element         | Material                                                            |
|-----|-----------------|---------------------------------------------------------------------|
| 1   | Nut             | Stainless steel 1.4305/303 <sup>1)</sup> PTFE coated                |
| 2   | Coil            | Epoxy                                                               |
| 3   | Stopper         | Stainless steel 1.4523/316 <sup>1)</sup>                            |
| 4   | Spring          | Stainless steel 1.4310/301 <sup>1)</sup>                            |
| 5   | Glide ring      | PTFE coal-filled                                                    |
| 6   | Core coupling   | Stainless steel 1.4113/434 <sup>1)</sup> , 1.4305/303 <sup>1)</sup> |
| 7   | Guide tube      | Stainless steel 1.4571/316 Ti <sup>1)</sup>                         |
| 8   | Core seal       | Ceramic ball                                                        |
| 9   | Outer seal      | FKM, EPDM                                                           |
| 10  | Flange coupling | Stainless steel 1.4404/316L (CF3M), PEEK, FKM/EPDM                  |
| 11  | Outer seal      | FKM, EPDM                                                           |
| 12  | Piston coupling | Stainless steel 1.4305/303 <sup>1)</sup> , PTFE coal-filled         |
| 13  | Seat seal       | PCTFE                                                               |
| 14  | Body            | Stainless steel 1.4404/316L (CF3M)                                  |

1.) Material designation according to AISI

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Steam version (NA67) – DN 13



| No. | Element         | Material                                                                 |
|-----|-----------------|--------------------------------------------------------------------------|
| 1   | Nut             | Stainless steel 1.4305/303 <sup>1.)</sup>                                |
| 2   | Coil            | Epoxy                                                                    |
| 3   | Stopper         | Stainless steel 1.4113/434 <sup>1.)</sup>                                |
| 4   | Shading ring    | Silver                                                                   |
| 5   | Spring          | Stainless steel 1.4310/301 <sup>1.)</sup>                                |
| 6   | Core            | Stainless steel 1.4113/434 <sup>1.)</sup>                                |
| 7   | Guide tube      | Stainless steel 1.4303/305 <sup>1.)</sup> /308 <sup>1.)</sup>            |
| 8   | Glide ring      | PTFE coal filled                                                         |
| 9   | Cover           | PA6                                                                      |
| 10  | Seal            | FKM                                                                      |
| 11  | Support ring    | PPS Fortron                                                              |
| 12  | Coupling ring   | PEEK                                                                     |
| 13  | Holding cap     | Stainless steel 1.4301/304 <sup>1.)</sup>                                |
| 14  | Seat gasket     | FKM                                                                      |
| 15  | Outer seal      | FKM                                                                      |
| 16  | Body            | Brass, stainless steel 1.4408/316 <sup>1.)</sup>                         |
| 17  | Piston coupling | Stainless steel 1.4401/316 <sup>1.)</sup> , PPS Fortron, PTFE, PEEK, FKM |
| 18  | Core seal       | FKM                                                                      |

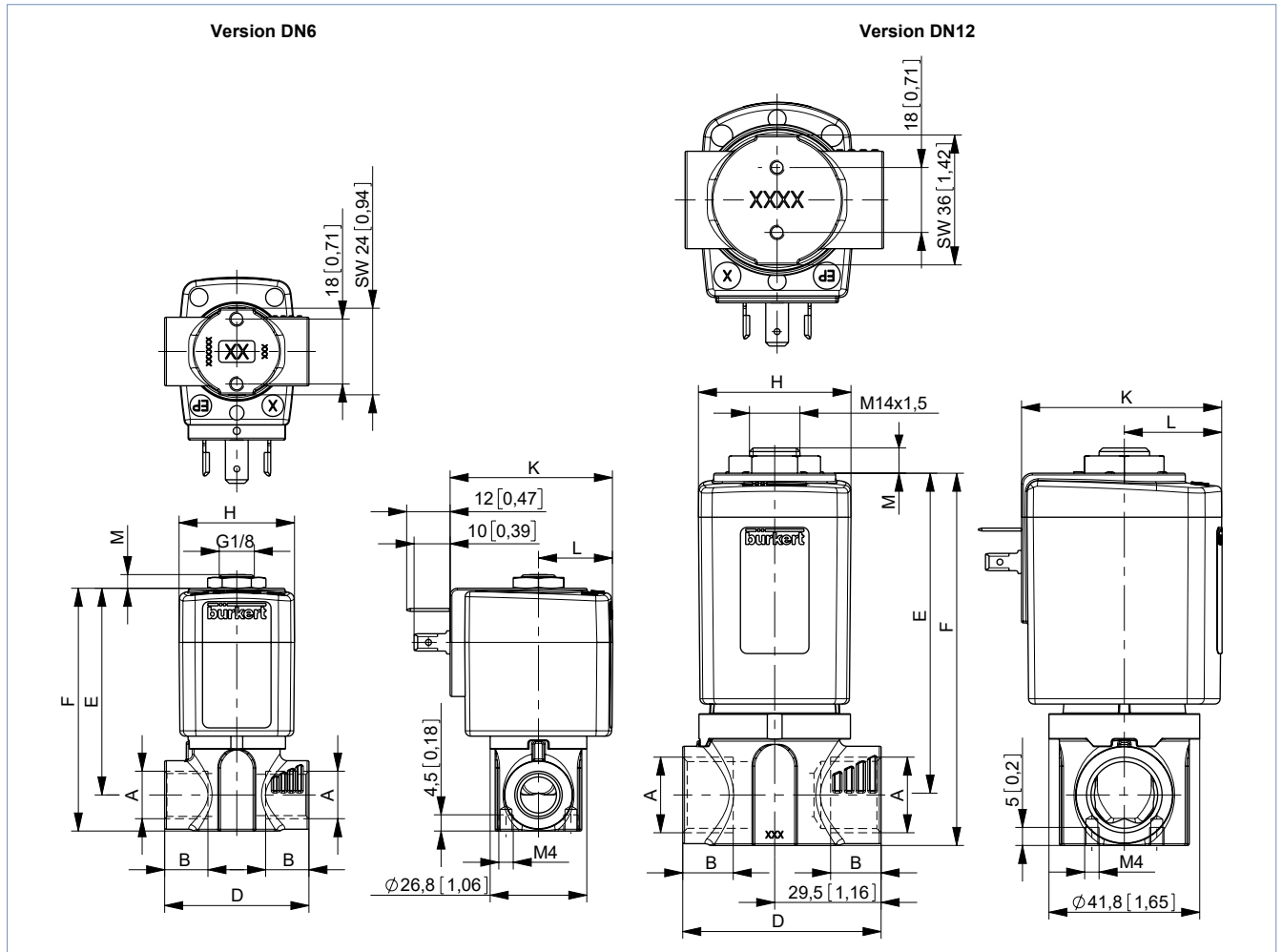
1.) Material designation according to AISI

## 5. Dimensions

### 5.1. Standard version

**Note:**

Dimensions in mm [inch]



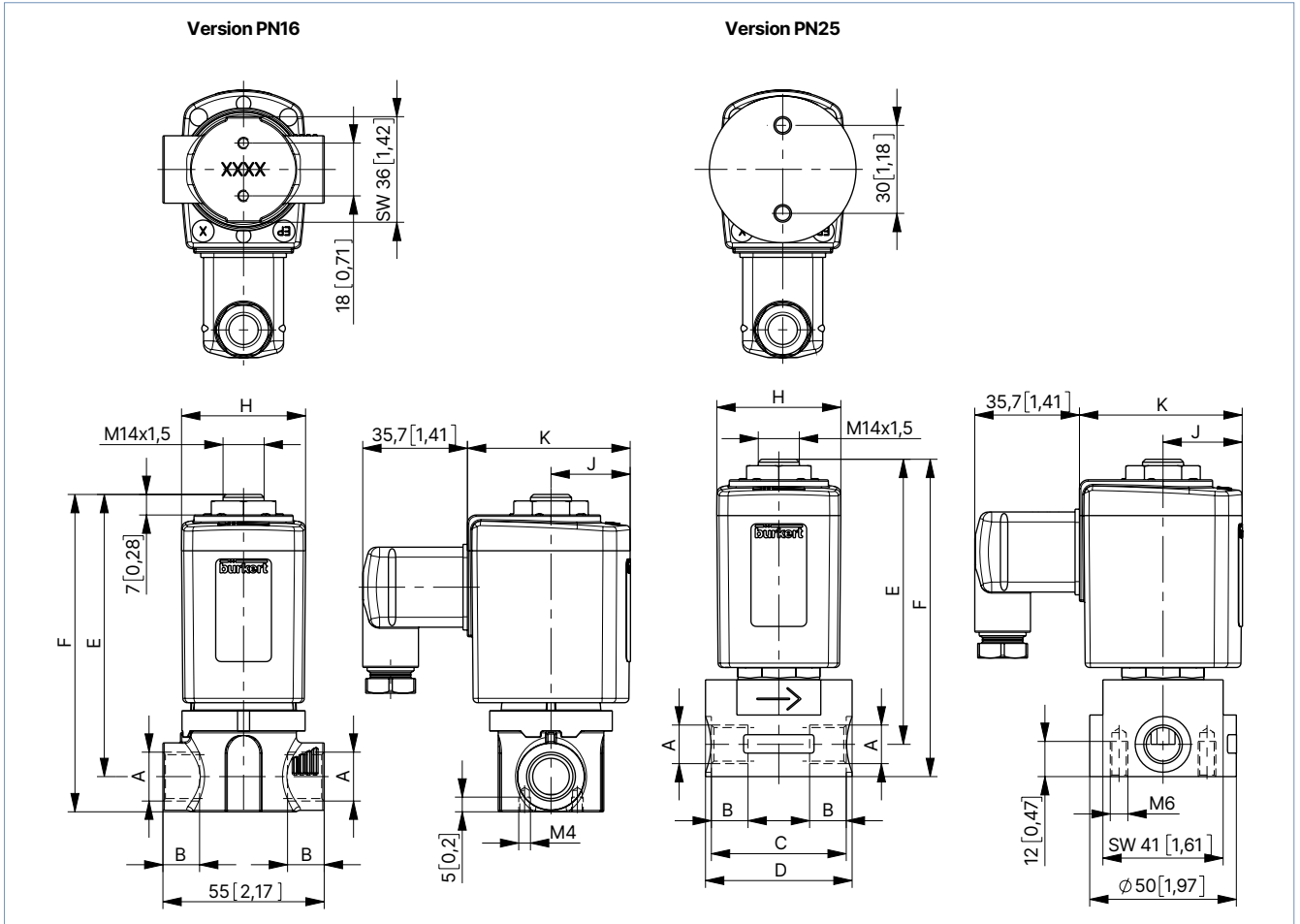
| A (body connection) | B         | D         | E         | F         | H         | K         | L         | M         |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| [Zoll]              | [mm] [in] | [mm] [in] | [mm] [in] | [mm] [in] | [mm] [in] | [mm] [in] | [mm] [in] | [mm] [in] |
| <b>DN 6</b>         |           |           |           |           |           |           |           |           |
| G ¼                 | 12 0.47   | 40 1.57   | 57.3 2.26 | 67.3 2.65 | 32 1.26   | 45 1.77   | 20.5 0.81 | 3.7 0.15  |
| NPT ¼               | 10 0.39   |           |           |           |           |           |           |           |
| RC ¼                | 9.7 0.38  |           |           |           |           |           |           |           |
| G ⅜                 | 12 0.47   | 50 1.97   | 58.3 2.30 | 70.3 2.77 |           |           |           |           |
| NPT ⅜               | 10.3 0.41 |           |           |           |           |           |           |           |
| RC ⅜                | 10.1 0.40 |           |           |           |           |           |           |           |
| G ½                 | 12 0.47   | 40 1.57   | 57.3 2.26 | 67.3 2.65 | 40 1.57   | 51 2.01   | 23.5 0.93 | 3.7 0.15  |
| NPT ½               | 10 0.39   |           |           |           |           |           |           |           |
| RC ½                | 9.7 0.38  |           |           |           |           |           |           |           |
| G ⅝                 | 12 0.47   | 50 1.97   | 58.3 2.30 | 70.3 2.77 |           |           |           |           |
| NPT ⅝               | 10.3 0.41 |           |           |           |           |           |           |           |
| RC ⅝                | 10.1 0.40 |           |           |           |           |           |           |           |
| <b>DN 12</b>        |           |           |           |           |           |           |           |           |
| G ½                 | 14 0.55   | 55 2.17   | 89 3.50   | 103 4.06  | 42 1.65   | 55.5 2.19 | 27 1.06   | 7 0.28    |
| NPT ½               | 13.7 0.54 |           |           |           |           |           |           |           |
| RC ½                | 13.2 0.52 |           |           |           |           |           |           |           |

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5.2. High pressure version up to 3626 psi or 2321 psi – DN 6

Note:

Dimensions in mm [inch]



| Coil size | H    |      | J    |      | K    |      |
|-----------|------|------|------|------|------|------|
|           | [mm] | [in] | [mm] | [in] | [mm] | [in] |
| K         | 42   | 1.65 | 27   | 1.06 | 55.5 | 2.19 |
| L         | 65   | 2.56 | 37.5 | 1.48 | 72   | 2.83 |

| Version 2321 psi    |      |      |      |      |       |      |
|---------------------|------|------|------|------|-------|------|
| A (body connection) | B    |      | E    |      | F     |      |
| [Zoll]              | [mm] | [in] | [mm] | [in] | [mm]  | [in] |
| G ¼                 | 13   | 0.51 | 95.2 | 3.75 | 105.2 | 4.14 |
| NPT ¼               | 10   | 0.39 |      |      |       |      |
| G ⅜                 | 12   | 0.47 | 96.2 | 3.79 | 108.2 | 4.26 |
| NPT ⅜               | 10.3 | 0.41 |      |      |       |      |

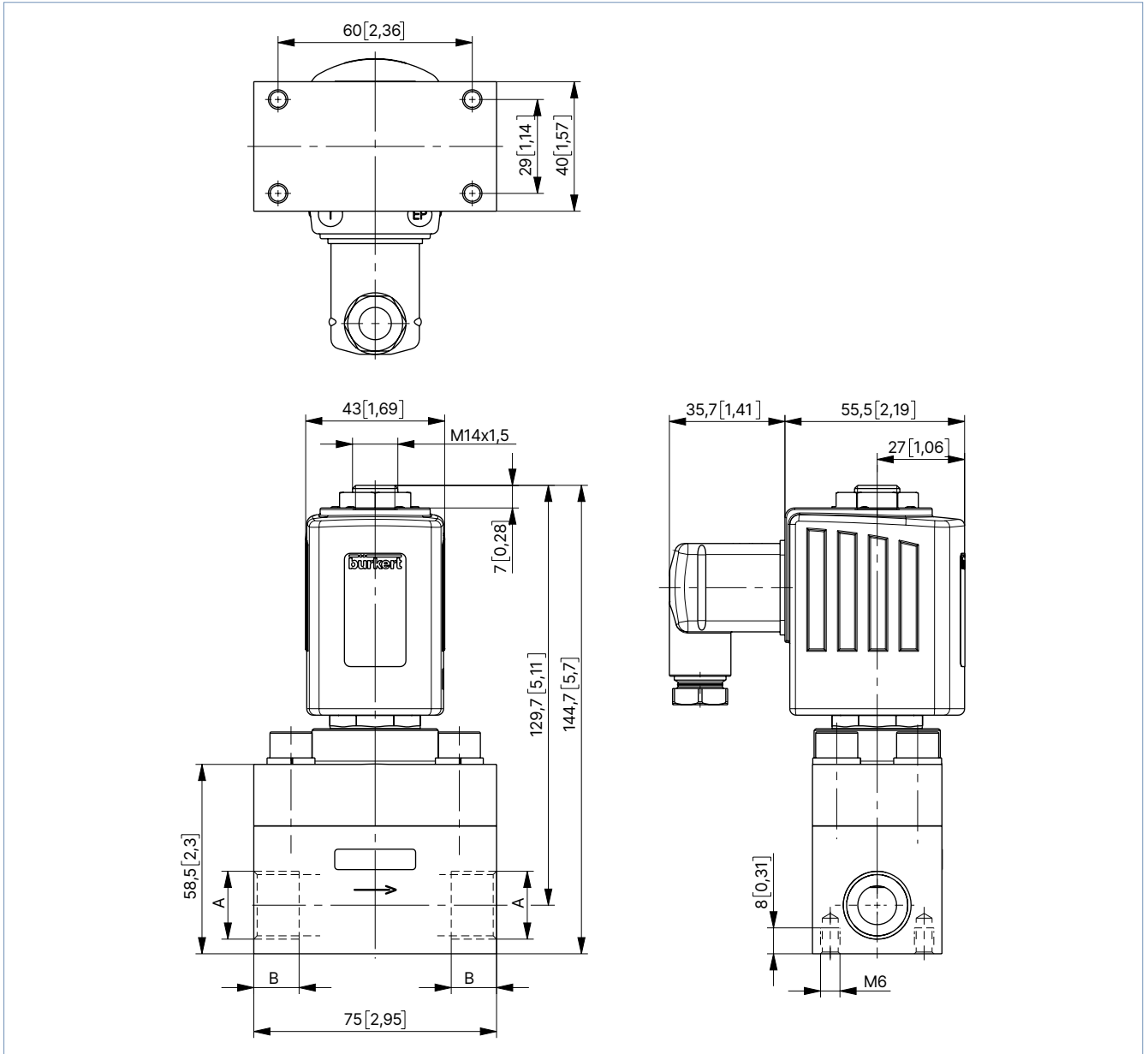
| Version 3626 psi    |      |      |      |      |      |        |      |      |       |      |
|---------------------|------|------|------|------|------|--------|------|------|-------|------|
| A (body connection) | B    |      | C    |      | D    |        | E    |      | F     |      |
| [Zoll]              | [mm] | [in] | [mm] | [in] | [mm] | [in]   | [mm] | [in] | [mm]  | [in] |
| G ¼                 | 13   | 0.51 | 46   | 1.81 | Ø 50 | Ø 1.97 | 97.2 | 3.83 | 108.2 | 4.26 |
| NPT ¼               | 10   | 0.39 |      |      |      |        |      |      |       |      |
| G ⅜                 | 12.5 | 0.49 | 44   | 1.73 | 44.4 | 1.75   | 98.7 | 3.89 | 111.2 | 4.38 |
| NPT ⅜               | 10.3 | 0.41 |      |      |      |        |      |      |       |      |

DTS 1000581100 EN Version: G Status: RL (released | freigegeben | validé) printed: 18.02.2025

5.3. High pressure version up to 3626 psi – DN 12

Note:

Dimensions in mm [inch]

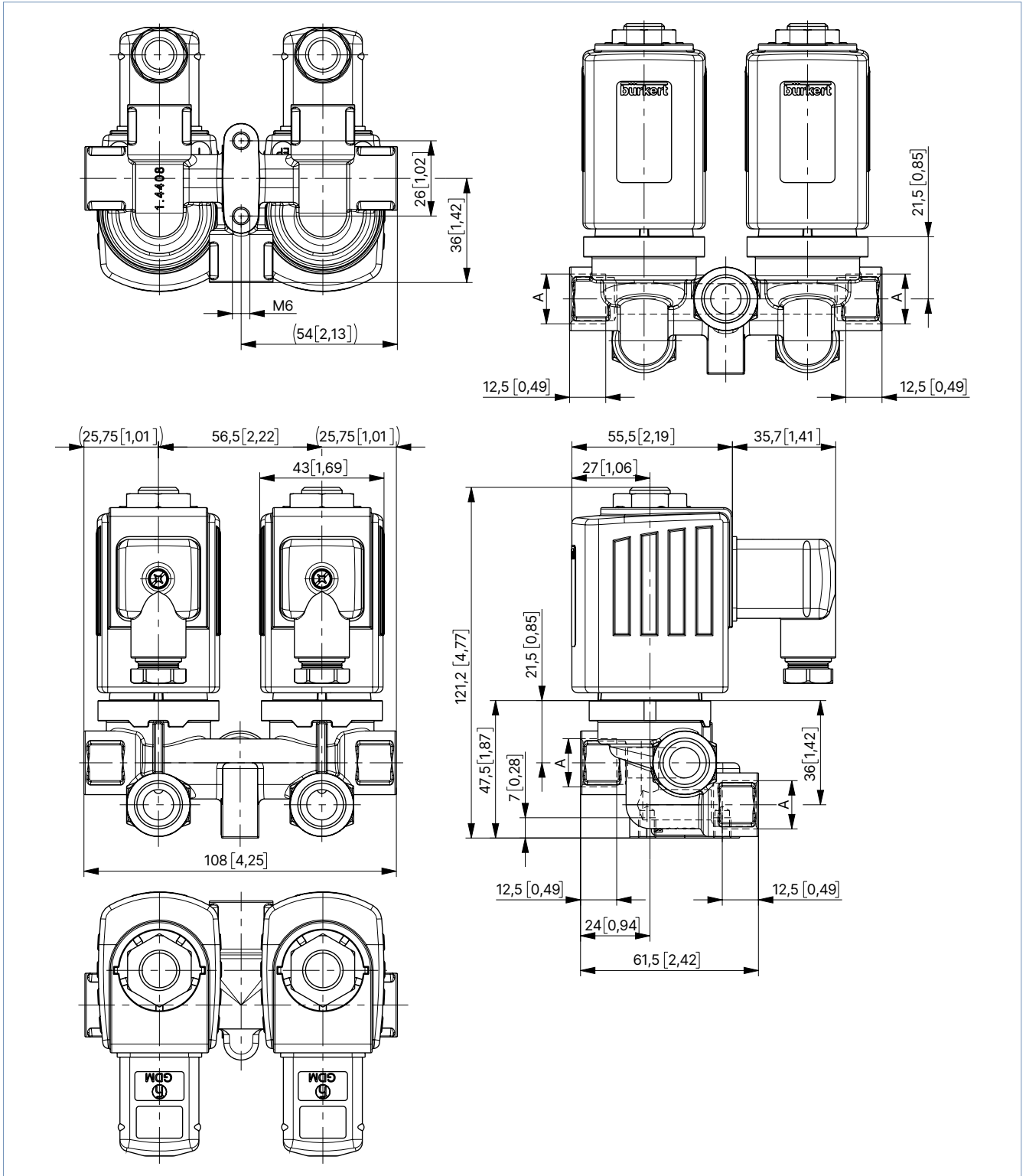


| A (body connection)<br>[Zoll] | B    |      |
|-------------------------------|------|------|
|                               | [mm] | [in] |
| G ½                           | 14   | 0.55 |
| NPT ½                         | 13.7 | 0.54 |

5.4. Version for self-service car wash up to 2321 psi – Type 8820 - 6240

Note:

Dimensions in mm [inch]

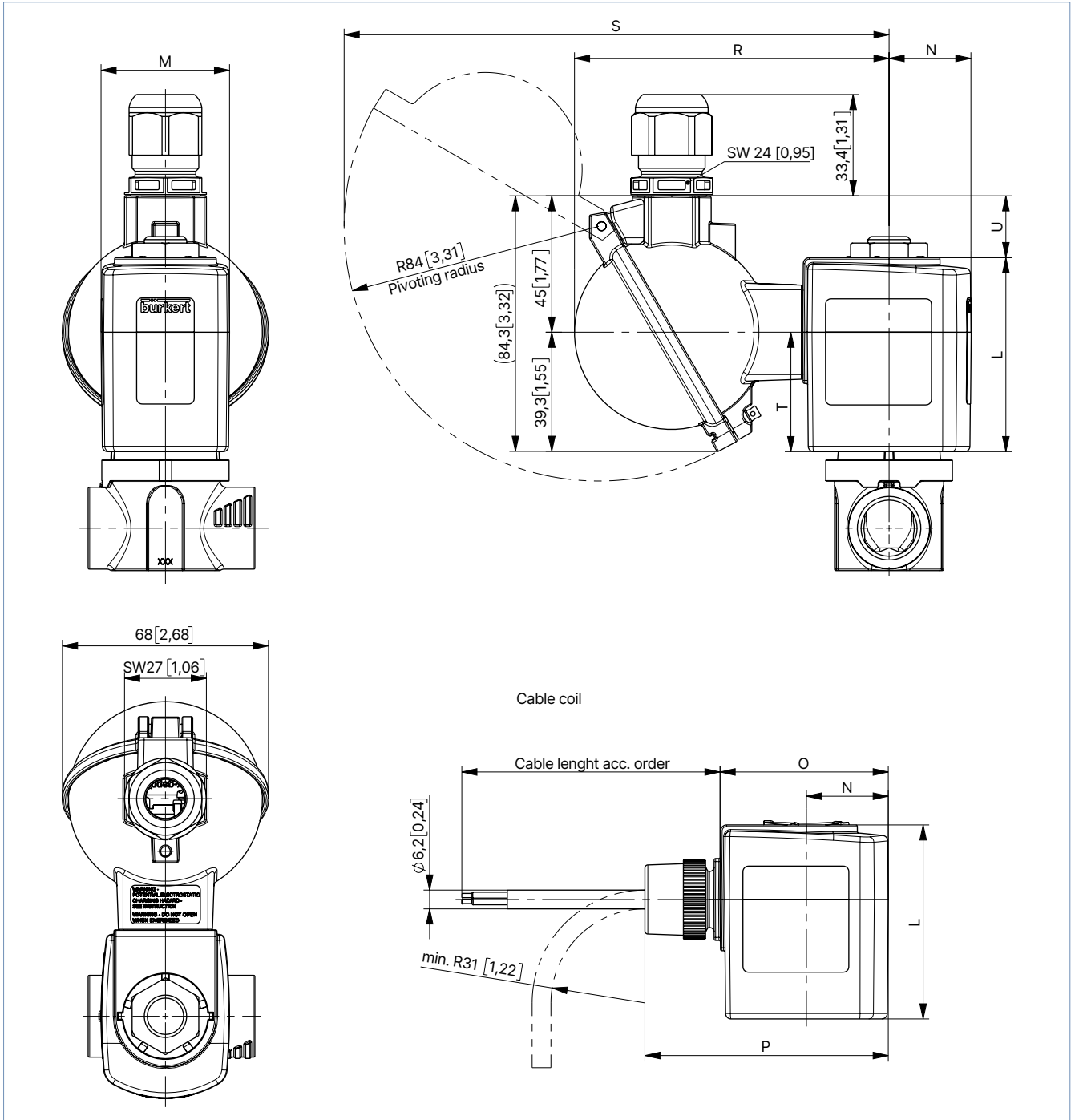


| Version | A<br>[Zoll] |
|---------|-------------|
| AH40    | G ¼         |
| AH37    | G ⅜         |

5.5. Coil UL Listed (cULus) for hazardous locations, Class I, Division 2

Note:

Dimensions in mm [inch] apply exclusively to Ex version of the solenoid coil. For other dimensions see previous versions.



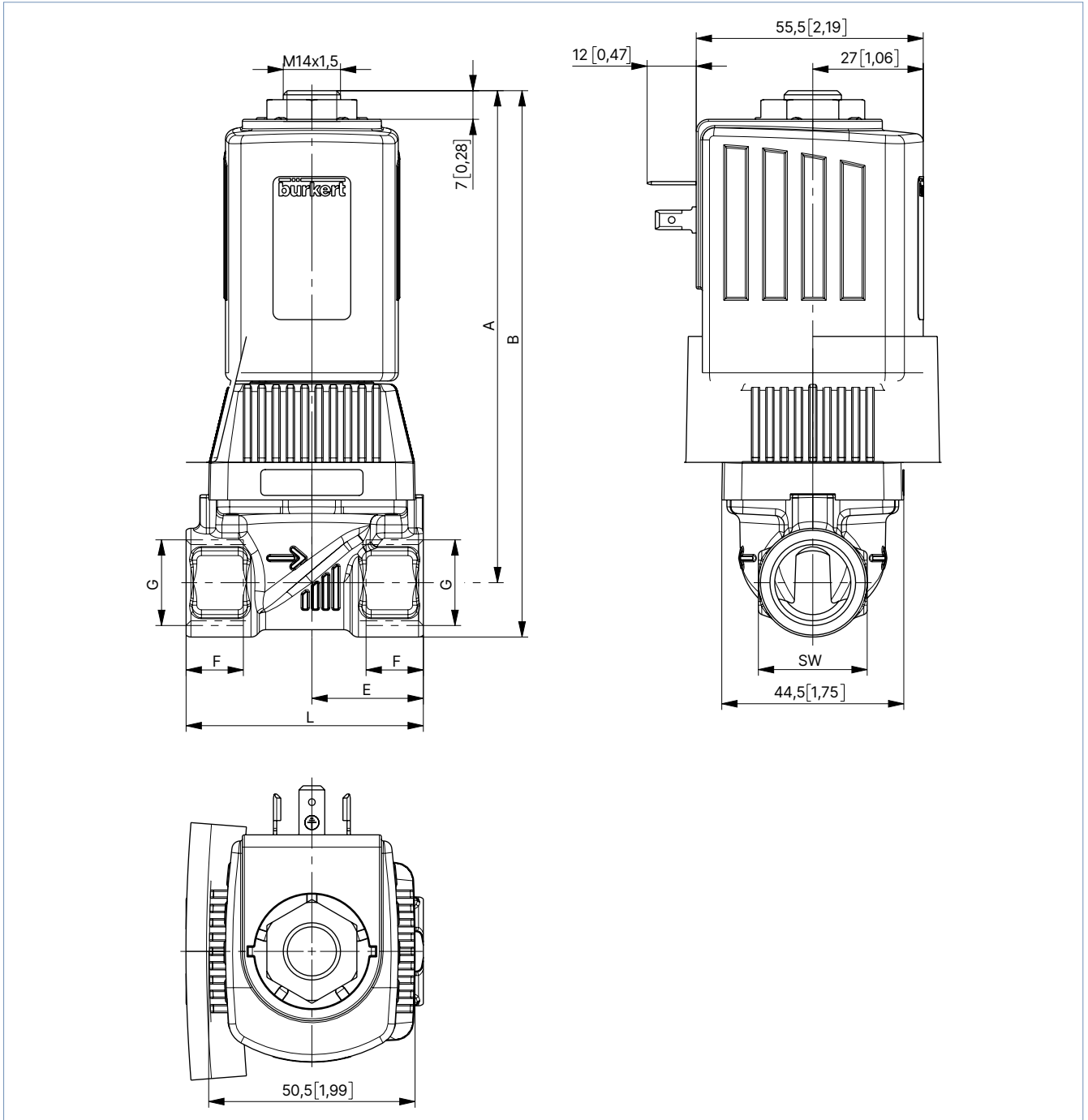
DTS 1000581100 EN Version: G Status: RL (released | freigegeben | valide) printed: 18.02.2025

| Coil dimensions |           | M    |      | N    |      | O    |      | P    |      | L    |      | R     |      | S     |      | T    |      | U    |      |
|-----------------|-----------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|------|------|------|------|
| Var. Code       | Coil size | [mm] | [in] | [mm] | [in] | [mm] | [in] | [mm] | [in] | [mm] | [in] | [mm]  | [in] | [mm]  | [in] | [mm] | [in] | [mm] | [in] |
| PX58            | 6         | 40   | 1.57 | 23.5 | 0.93 | 52   | 2.05 | 74.8 | 2.94 | 41.3 | 1.63 | 102.8 | 4.05 | 177.5 | 6.99 | 26   | 1.02 | 29.7 | 1.17 |
| PX38            | K         | 42   | 1.65 | 27   | 1.06 | 55.5 | 2.19 | 80.3 | 3.16 | 64   | 2.52 | 104.8 | 4.13 | 179.8 | 7.08 | 39.4 | 1.55 | 20.4 | 0.80 |

5.6. DN 13 version

Note:

Dimensions in mm [inch]



DTS 1000581100 EN Version: G Status: RL (released | freigegeben | valide) printed: 18.02.2025

| G (body connection)<br>[Zoll] | Material        | A      |      | B      |      | E     |      | F    |      | L    |      | SW   |      |
|-------------------------------|-----------------|--------|------|--------|------|-------|------|------|------|------|------|------|------|
|                               |                 | [mm]   | [in] | [mm]   | [in] | [mm]  | [in] | [mm] | [in] | [mm] | [in] | [mm] | [in] |
| G 1/2                         | Brass           | 120.35 | 4.74 | 133.85 | 5.27 | 27.25 | 1.07 | 14   | 0.55 | 58   | 2.28 | 27   | 1.06 |
| NPT 1/2                       |                 |        |      |        |      |       |      | 13.7 | 0.54 |      |      |      |      |
| Rc 1/2                        |                 |        |      |        |      |       |      | 13.2 | 0.52 |      |      |      |      |
| G 1/2                         | Stainless steel | 120.35 | 4.74 | 133.85 | 5.27 | 32.5  | 1.28 | 14   | 0.55 | 65   | 2.56 | 27   | 1.06 |
| NPT 1/2                       |                 |        |      |        |      |       |      | 13.7 | 0.54 |      |      |      |      |
| Rc 1/2                        |                 |        |      |        |      |       |      | 13.2 | 0.52 |      |      |      |      |



| G (body connection) | Material                  | A      |      | B      |      | E    |      | F    |      | L    |      | SW   |      |
|---------------------|---------------------------|--------|------|--------|------|------|------|------|------|------|------|------|------|
| [Zoll]              |                           | [mm]   | [in] | [mm]   | [in] | [mm] | [in] | [mm] | [in] | [mm] | [in] | [mm] | [in] |
| G 3/4               | Brass and Stainless steel | 122.35 | 4.82 | 138.35 | 5.45 | 32.5 | 1.28 | 16   | 0.63 | 65   | 2.56 | 32   | 1.26 |
| NPT 3/4             |                           |        |      |        |      |      |      | 14   | 0.55 |      |      |      |      |
| Rc 3/4              |                           |        |      |        |      |      |      | 14.5 | 0.57 |      |      |      |      |

## 6. Performance specifications

### 6.1. Power consumption

#### Note:

The Kick and Drop coil (AC/DC) features integrated electronics for short-term power increase and decrease in double coil technology.

| Coil size   | AC     |      |     | DC   |      | Kick and Drop coil (AC/DC) |           |           |
|-------------|--------|------|-----|------|------|----------------------------|-----------|-----------|
|             | Inrush | Hold |     | Cold | Warm | Cold Inrush                | Cold Hold | Warm Hold |
| [mm]        | [VA]   | [VA] | [W] | [W]  | [W]  | [W] 500 ms                 | [W]       | [W]       |
| 32 (5)      | 32     | 18   | 8   | 12   | 10   | –                          | –         | –         |
| 40 (6)      | 40     | 23   | 10  | 14   | 12   | 20                         | 2         | 2         |
| 40 (6) ATEX | –      | –    | –   | 9    | 7.5  | –                          | –         | –         |
| 42 (K)      | 150    | 37   | 16  | 21   | 16   | 85                         | 8.5       | 7         |
| 42 (K) ATEX | –      | –    | –   | 15   | 12   | 44                         | 6.5       | 5.5       |
| 65 (L)      | –      | –    | –   | 28   | 21   | –                          | –         | –         |

### 6.2. Ambient temperatures with Kick and Drop coils

| Coil type | Coil size | Maximum ambient temperatures <sup>1.)</sup> depending on the switching cycles per minute |             |                          |                        |
|-----------|-----------|------------------------------------------------------------------------------------------|-------------|--------------------------|------------------------|
|           |           | [mm]                                                                                     | Performance | 30 switching cycles/min. | 1 switching cycle/min. |
| AC10      | 40 (6)    |                                                                                          | 20 W / 2 W  | Max. + 158 °F            | Max. + 185 °F          |
|           |           |                                                                                          | 65 W / 7 W  | Max. + 131 °F            | Max. + 158 °F          |

| Coil type | Coil size   | Maximum ambient temperatures <sup>1.)</sup> depending on the switching cycles per minute |              |                          |                        |
|-----------|-------------|------------------------------------------------------------------------------------------|--------------|--------------------------|------------------------|
|           |             | [mm]                                                                                     | Performance  | 10 switching cycles/min. | 1 switching cycle/min. |
| AC19      | 42 (K)      |                                                                                          | 44 W / 6.5 W | Max. + 149 °F            | Max. + 158 °F          |
|           | 42 (K) ATEX |                                                                                          | 44 W / 6.5 W | Max. + 149 °F            | Max. + 158 °F          |
|           | 42 (K)      |                                                                                          | 85 W / 8.5 W | Max. + 131 °F            | Max. + 140 °F          |

1.) The temperature specifications correspond to the specified switchable differential pressures. Higher temperatures are possible on request, depending on the differential pressure, duty cycle and number of switching operations

## 7. Product accessories

### 7.1. Special tool to turn the terminal box

#### Note:

Refer to chapter "[Special tool to turn the terminal box](#)" on page 25 for more order information.

## 8. Ordering information

### 8.1. 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.

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### 8.2. Bürkert product filter

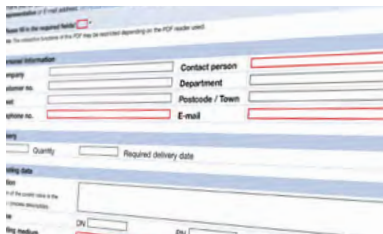


#### Bürkert product filter – Get quickly to the right product

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.

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### 8.3. Bürkert Product Enquiry Form



#### Bürkert Product Enquiry Form – Your enquiry quickly and compactly

Would you like to make a specific product enquiry based on your technical requirements? Use our Product Enquiry Form for this purpose. There you will find all the relevant information for your Bürkert contact. This will enable us to provide you with the best possible advice.

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**8.4. Ordering chart standard version elastomer sealing up to 232 psi**

**UL Recognized**

**Note:**

- Please note that the cable plug **Type 2518** ▶ is included. Further versions are available on request. For more information on the cable plug, see **“Cable plug Type 2518, form A according to DIN EN 175301 - 803” on page 25.**
- Further versions with alternative voltages, G or RC internal thread, seal material EPDM/EPDM available on request.

| Circuit function                                                                 | Port connection             | Orifice | C <sub>v</sub> value water | Pressure range (MAWP <sup>1.)</sup> | Coil size | Article no. |        |        |        |
|----------------------------------------------------------------------------------|-----------------------------|---------|----------------------------|-------------------------------------|-----------|-------------|--------|--------|--------|
|                                                                                  |                             |         |                            |                                     |           | 024/DC      | 024/60 | 120/60 | 240/60 |
|                                                                                  |                             |         |                            |                                     |           | [V/Hz]      | [V/Hz] | [V/Hz] | [V/Hz] |
| <b>NPT internal thread, seal material FKM/FKM</b>                                |                             |         |                            |                                     |           |             |        |        |        |
| <b>CF A</b><br>2/2-way solenoid valve<br>Servo-controlled<br>Normally closed<br> | <b>Brass body</b>           |         |                            |                                     |           |             |        |        |        |
|                                                                                  | NPT 1/4                     | 6.0     | 0.7                        | 0...232                             | 32 / 1.26 | 312949      | o. r.  | 312950 | 312951 |
|                                                                                  | NPT 3/8                     | 6.0     | 0.7                        | 0...232                             | 32 / 1.26 | 312952      | o. r.  | 312953 | 312954 |
|                                                                                  | <b>Stainless steel body</b> |         |                            |                                     |           |             |        |        |        |
|                                                                                  | NPT 1/4                     | 6.0     | 0.7                        | 0...232                             | 32 / 1.26 | 312955      | o. r.  | 312956 | 312957 |
|                                                                                  | NPT 1/2                     | 12.0    | 2.5                        | 0...232                             | 42 / 1.65 | 312958      | -      | -      | -      |

o. r. = on request  
 - = not available  
 1.) Maximum allowable working pressure

**UL Listed**

**Note:**

- Please note that the cable plug **Type 2509** ▶ is included. For more information on the cable plug, see **“Cable plug Type 2509, form A according to DIN EN 175301 - 803” on page 25.**
- Further versions with alternative voltages, G or RC internal thread, seal material EPDM/EPDM available on request.

| Circuit function                                                                 | Port connection             | Orifice | C <sub>v</sub> value water | Pressure range (MAWP <sup>1.)</sup> | Coil size | Article no. |        |        |        |
|----------------------------------------------------------------------------------|-----------------------------|---------|----------------------------|-------------------------------------|-----------|-------------|--------|--------|--------|
|                                                                                  |                             |         |                            |                                     |           | 024/DC      | 024/60 | 120/60 | 240/60 |
|                                                                                  |                             |         |                            |                                     |           | [V/Hz]      | [V/Hz] | [V/Hz] | [V/Hz] |
| <b>NPT internal thread, seal material FKM/FKM</b>                                |                             |         |                            |                                     |           |             |        |        |        |
| <b>CF A</b><br>2/2-way solenoid valve<br>Servo-controlled<br>Normally closed<br> | <b>Brass body</b>           |         |                            |                                     |           |             |        |        |        |
|                                                                                  | NPT 1/4                     | 6.0     | 0.7                        | 0...232                             | 32 / 1.26 | 312939      | o. r.  | 312940 | 312941 |
|                                                                                  | NPT 3/8                     | 6.0     | 0.7                        | 0...232                             | 32 / 1.26 | 312942      | o. r.  | 312943 | 312944 |
|                                                                                  | <b>Stainless steel body</b> |         |                            |                                     |           |             |        |        |        |
|                                                                                  | NPT 1/4                     | 6.0     | 0.7                        | 0...232                             | 32 / 1.26 | 312945      | o. r.  | 312946 | 312947 |
|                                                                                  | NPT 1/2                     | 12.0    | 2.5                        | 0...232                             | 42 / 1.65 | 312948      | -      | -      | -      |

o. r. = on request  
 - = not available  
 1.) Maximum allowable working pressure

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### 8.5. Ordering chart standard version up to 363 psi

#### UL Recognized

**Note:**

- Please note that the cable plug **Type 2518** ▶ is included. Further versions are available on request. For more information on the cable plug, see **“Cable plug Type 2518, form A according to DIN EN 175301-803” on page 25.**
- Further versions with alternative voltages, G or RC internal thread, seal material PTFE/EPDM available on request.

| Circuit function                                                                    | Port connection             | Orifice<br>[mm] | C <sub>v</sub> value<br>water<br>[gal/min] | Pressure range<br>(MAWP <sup>1)</sup> )            |                | Coil size<br>[mm/inch] | Article no.      |                  |                  |                  |
|-------------------------------------------------------------------------------------|-----------------------------|-----------------|--------------------------------------------|----------------------------------------------------|----------------|------------------------|------------------|------------------|------------------|------------------|
|                                                                                     |                             |                 |                                            | Liquids<br>[psi]                                   | Gases<br>[psi] |                        | 024/DC<br>[V/Hz] | 024/60<br>[V/Hz] | 120/60<br>[V/Hz] | 240/60<br>[V/Hz] |
|                                                                                     |                             |                 |                                            | <b>NPT internal thread, seal material PTFE/FKM</b> |                |                        |                  |                  |                  |                  |
| <b>CF A</b><br>2/2-way<br>solenoid valve<br>Servo-controlled<br>Normally closed<br> | <b>Brass body</b>           |                 |                                            |                                                    |                |                        |                  |                  |                  |                  |
|                                                                                     | NPT 1/4                     | 6.0             | 0.7                                        | 0...363                                            | 0...363        | 40 / 1.57              | 312960 ☞         | o. r.            | 312961 ☞         | 312962 ☞         |
|                                                                                     | NPT 3/8                     | 6.0             | 0.7                                        | 0...363                                            | 0...363        | 40 / 1.57              | 312963 ☞         | o. r.            | 312964 ☞         | 312965 ☞         |
|                                                                                     | <b>Stainless steel body</b> |                 |                                            |                                                    |                |                        |                  |                  |                  |                  |
|                                                                                     | NPT 1/4                     | 6.0             | 0.7                                        | 0...363                                            | 0...363        | 40 / 1.57              | o. r.            | o. r.            | o. r.            | o. r.            |
|                                                                                     | NPT 3/8                     | 6.0             | 0.7                                        | 0...363                                            | 0...363        | 40 / 1.57              | o. r.            | o. r.            | o. r.            | o. r.            |
| NPT 1/2                                                                             | 12.0                        | 2.5             | 0...363                                    | 0...363                                            | 42 / 1.65      | 468776 ☞               | -                | -                | -                |                  |

o. r. = on request  
 - = not available  
 1.) Maximum allowable working pressure

#### UL Listed

**Note:**

- Please note that the cable plug **Type 2509** ▶ is included. For more information on the cable plug, see **“Cable plug Type 2509, form A according to DIN EN 175301-803” on page 25.**
- Further versions with alternative voltages, G or RC internal thread, seal material PTFE/EPDM available on request.

| Circuit function                                                                    | Port connection             | Orifice<br>[mm] | C <sub>v</sub> value<br>water<br>[gal/min] | Pressure range<br>(MAWP <sup>1)</sup> )            |                | Coil size<br>[mm/inch] | Article no.      |                  |                  |                  |
|-------------------------------------------------------------------------------------|-----------------------------|-----------------|--------------------------------------------|----------------------------------------------------|----------------|------------------------|------------------|------------------|------------------|------------------|
|                                                                                     |                             |                 |                                            | Liquids<br>[psi]                                   | Gases<br>[psi] |                        | 024/DC<br>[V/Hz] | 024/60<br>[V/Hz] | 120/60<br>[V/Hz] | 240/60<br>[V/Hz] |
|                                                                                     |                             |                 |                                            | <b>NPT internal thread, seal material PTFE/FKM</b> |                |                        |                  |                  |                  |                  |
| <b>CF A</b><br>2/2-way<br>solenoid valve<br>Servo-controlled<br>Normally closed<br> | <b>Brass body</b>           |                 |                                            |                                                    |                |                        |                  |                  |                  |                  |
|                                                                                     | NPT 1/4                     | 6.0             | 0.7                                        | 0...363                                            | 0...363        | 40 / 1.57              | o. r.            | o. r.            | o. r.            | o. r.            |
|                                                                                     | NPT 3/8                     | 6.0             | 0.7                                        | 0...363                                            | 0...363        | 40 / 1.57              | o. r.            | o. r.            | o. r.            | o. r.            |
|                                                                                     | <b>Stainless steel body</b> |                 |                                            |                                                    |                |                        |                  |                  |                  |                  |
|                                                                                     | NPT 1/4                     | 6.0             | 0.7                                        | 0...363                                            | 0...363        | 40 / 1.57              | 297185 ☞         | o. r.            | o. r.            | o. r.            |
|                                                                                     | NPT 3/8                     | 6.0             | 0.7                                        | 0...363                                            | 0...363        | 40 / 1.57              | 20016846 ☞       | o. r.            | o. r.            | o. r.            |
| NPT 1/2                                                                             | 12.0                        | 2.5             | 0...232                                    | 0...232                                            | 42 / 1.65      | o. r.                  | -                | -                | -                |                  |

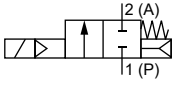
o. r. = on request  
 - = not available  
 1.) Maximum allowable working pressure

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**8.6. Ordering chart high pressure version DN 6 – pressure ranges up to 2321 psi with coil UL Recognized (cURus)**

**Note:**

- The Kick and Drop coil (AC/DC) features integrated electronics for short-term power increase and decrease in double coil technology.
- Please note that only the electrical component as in the solenoid coil is UL Recognized.
- Further versions with alternative voltages, G or RC internal thread, seal materials are available on request.
- For the following table applies: Orifice 6.0 and C<sub>v</sub> value water [gal/min] 0.87.
- Due to the wear-resistant PCTFE seat seals, a seat tightness of < 2 cm<sup>3</sup>/min (air 68 °F) is guaranteed from a differential pressure of 290 psi or higher.

| Circuit function                                                                                                                                                  | Port connection | Pressure range (MAWP <sup>1.)</sup> |           |           | Coil size<br>[mm/inch] | Article no. |        |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------|-----------|-----------|------------------------|-------------|--------|--------|
|                                                                                                                                                                   |                 | Water                               | Oil       | Air       |                        | 024/DC      | 024/60 | 120/60 |
|                                                                                                                                                                   |                 | [psi]                               | [psi]     | [psi]     |                        | [V/Hz]      | [V/Hz] | [V/Hz] |
| <b>NPT internal thread, stainless steel body, seal material PCTFE/FKM, cable plug with integrated rectifier for AC included in delivery</b>                       |                 |                                     |           |           |                        |             |        |        |
| <b>CF A</b><br>2/2-way solenoid valve<br>Servo-controlled<br>Normally closed<br> | NPT ¼           | 14...1450                           | 14...1160 | 14...1450 | 42 / 1.65              | o. r.       | o. r.  | o. r.  |
|                                                                                                                                                                   | NPT ⅜           | 14...1450                           | 14...1160 | 14...1450 | 42 / 1.65              | o. r.       | o. r.  | o. r.  |

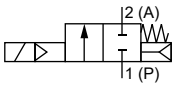
o. r. = on request

1.) Maximum allowable working pressure

**8.7. Ordering chart high pressure version DN 6 – pressure ranges up to 3626 psi with coil UL Recognized (cURus)**

**Note:**

- The Kick and Drop coil (AC/DC) features integrated electronics for short-term power increase and decrease in double coil technology.
- Please note that only the electrical component as in the solenoid coil is UL Recognized.
- Further versions with alternative voltages, G or RC internal thread, seal materials are available on request.
- For the following table applies: Orifice 6.0 and C<sub>v</sub> value water [gal/min] 0.87.
- Due to the wear-resistant PCTFE seat seals, a seat tightness of < 2 cm<sup>3</sup>/min (air 68 °F) is guaranteed from a differential pressure of 290 psi or higher.

| Circuit function                                                                                                                                                    | Port connection | Pressure range (MAWP <sup>1.)</sup> |           |           | Coil size<br>[mm/inch] | Article no. |           |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------|-----------|-----------|------------------------|-------------|-----------|---------|
|                                                                                                                                                                     |                 | Water                               | Oil       | Air       |                        | 024/DC      | 024/AC/DC | 120 /AC |
|                                                                                                                                                                     |                 | [psi]                               | [psi]     | [psi]     |                        | [V/Hz]      | [V/Hz]    | [V/Hz]  |
| <b>NPT internal thread, stainless steel body, seal material PCTFE/FKM</b>                                                                                           |                 |                                     |           |           |                        |             |           |         |
| <b>CF A</b><br>2/2-way solenoid valve<br>Servo-controlled<br>Normally closed<br> | NPT ¼           | 14...3336                           | 14...2900 | 14...3626 | 65 / 2.56              | o. r.       | –         | –       |
|                                                                                                                                                                     |                 | 14...3626                           | 14...3626 | 14...3626 | 42 / 1.65              | –           | o. r.     | o. r.   |
|                                                                                                                                                                     | NPT ⅜           | 14...3336                           | 14...2900 | 14...3626 | 65 / 2.56              | o. r.       | –         | –       |
|                                                                                                                                                                     |                 | 14...3626                           | 14...3626 | 14...3626 | 42 / 1.65              | –           | o. r.     | o. r.   |

o. r. = on request

– = not available

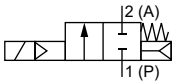
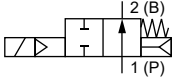
1.) Maximum allowable working pressure

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**8.8. Ordering chart high pressure version DN 12 – pressure range up to 3626 psi with coil UL Recognized (cURus)**

**Note:**

- The Kick and Drop coil (AC/DC) features integrated electronics for short-term power increase and decrease in double coil technology.
- Further versions with alternative voltages, G or RC internal thread, seal materials are available on request.
- Please note that only the electrical component as in the solenoid coil is UL Recognized.
- For the following table applies: Orifice 12.0 and C<sub>v</sub> value water [gal/min] 2.54.
- Due to the wear-resistant PCTFE seat seals, a seat tightness of < 2 cm<sup>3</sup>/min (air 68 °F) is guaranteed from a differential pressure of 290 psi or higher.

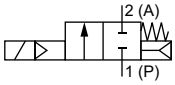
| Circuit function                                                                                                                                                   | Port connection | Pressure range (MAWP <sup>1.)</sup> Standard |           |           | Article no. |        | Pressure range (MAWP <sup>1.)</sup> Kick and Drop |           |           | Article no. |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------|-----------|-----------|-------------|--------|---------------------------------------------------|-----------|-----------|-------------|--------|
|                                                                                                                                                                    |                 | Water                                        | Oil       | Air       | 024/DC      | 120/60 | Water                                             | Oil       | Air       | 024/AC/DC   | 120/AC |
|                                                                                                                                                                    |                 | [psi]                                        | [psi]     | [psi]     | [V/Hz]      | [V/Hz] | [psi]                                             | [psi]     | [psi]     | [V/Hz]      | [V/Hz] |
| <b>NPT internal thread, stainless steel body, seal material PCTFE/FKM, cable plug with integrated rectifier for AC included in delivery</b>                        |                 |                                              |           |           |             |        |                                                   |           |           |             |        |
| <b>CF A</b><br>2/2-way solenoid valve<br>Servo-controlled<br>Normally closed<br> | NPT 1/2         | 14...3626                                    | 14...3626 | 14...3626 | o. r.       | –      | 14...3626                                         | 14...3626 | 14...3626 | o. r.       | o. r.  |
|                                                                                                                                                                    |                 | 14...3626                                    | 14...2900 | 14...3626 | –           | o. r.  |                                                   |           |           |             |        |
| <b>CF B</b><br>2/2-way solenoid valve<br>Servo-controlled<br>Normally open<br>  | NPT 1/2         | 14...2900                                    | 14...2176 | 14...3626 | o. r.       | o. r.  | 14...2900                                         | 14...2176 | 14...3626 | o. r.       | o. r.  |

o. r. = on request  
 – = not available  
 1.) Maximum allowable working pressure

**8.9. Ordering chart version self-service car wash 1740 psi – Type 8820 - 6240 with coil UL Recognized (cURus)**

**Note:**

Further versions with alternative voltages, G or RC internal thread available on request.

| Circuit function                                                                                                                                                    | Port connection             | Orifice single valve | C <sub>v</sub> value water single valve | Pressure range (MAWP <sup>1.)</sup> | Coil size | Article no.   |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------|-----------------------------------------|-------------------------------------|-----------|---------------|---------------|
|                                                                                                                                                                     |                             | [mm]                 | [gal/min]                               | [psi]                               | [mm/inch] | 024/DC [V/Hz] | 120/60 [V/Hz] |
| <b>Seal material PCTFE/FKM, cable plug with integrated rectifier for AC included in delivery</b>                                                                    |                             |                      |                                         |                                     |           |               |               |
| <b>CF A</b><br>2/2-way solenoid valve<br>Servo-controlled<br>Normally closed<br> | <b>Stainless steel body</b> |                      |                                         |                                     |           |               |               |
|                                                                                                                                                                     | NPT 1/4                     | 6.0                  | 0.87                                    | 14...1740                           | 42 / 1.65 | o. r.         | o. r.         |
|                                                                                                                                                                     | NPT 3/8                     | 6.0                  | 0.87                                    | 14...1740                           | 42 / 1.65 | o. r.         | o. r.         |

o. r. = on request  
 1.) Maximum allowable working pressure

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### 8.10. Ordering chart steam version DN 13 with coil UL Recognized (cURus)

**Note:**

Further versions with alternative voltages, G or RC internal thread available on request.

| Circuit function                                                                 | Port connection             | Orifice<br>[mm] | C <sub>v</sub> value water<br>[gal/min] | Pressure range steam (MAWP <sup>1)</sup> )<br>[psi] | Coil size<br>[mm/inch] | Article no.<br>Kick and Drop coil |                  |
|----------------------------------------------------------------------------------|-----------------------------|-----------------|-----------------------------------------|-----------------------------------------------------|------------------------|-----------------------------------|------------------|
|                                                                                  |                             |                 |                                         |                                                     |                        | 024/60<br>[V/Hz]                  | 120/60<br>[V/Hz] |
| <b>Seal material FKM/FKM</b>                                                     |                             |                 |                                         |                                                     |                        |                                   |                  |
| <b>CF A</b><br>2/2-way solenoid valve<br>Servo-controlled<br>Normally closed<br> | <b>Brass body</b>           |                 |                                         |                                                     |                        |                                   |                  |
|                                                                                  | NPT 1/2                     | 13.0            | 3.82                                    | 0...58                                              | 42 / 1.65              | o. r.                             | o. r.            |
|                                                                                  | NPT 3/4                     | 13.0            | 3.82                                    | 0...58                                              | 42 / 1.65              | o. r.                             | o. r.            |
|                                                                                  | <b>Stainless steel body</b> |                 |                                         |                                                     |                        |                                   |                  |
|                                                                                  | NPT 1/2                     | 13.0            | 3.82                                    | 0...58                                              | 42 / 1.65              | o. r.                             | o. r.            |
|                                                                                  | NPT 3/4                     | 13.0            | 3.82                                    | 0...58                                              | 42 / 1.65              | o. r.                             | o. r.            |

o. r. = on request

1.) Maximum allowable working pressure

### 8.11. Ordering chart coil UL Listed (cULus) for hazardous locations, Class I, Division 2

**Standard version with cable coil**

**Note:**

- The Kick and Drop coil (AC/DC) features integrated electronics for short-term power increase and decrease in double coil technology.
- Further versions with alternative voltages, G or RC internal thread, seal materials are available on request.
- With 3 m/9'10" cable as standard. Other lengths or version with terminal box on request.

| Circuit function                                                                 | Port connection             | Orifice<br>[mm] | C <sub>v</sub> value water<br>[gal/min] | Pressure range (MAWP <sup>1)</sup> )<br>[psi] | Coil size<br>[mm/inch] | Article no.           |                  |
|----------------------------------------------------------------------------------|-----------------------------|-----------------|-----------------------------------------|-----------------------------------------------|------------------------|-----------------------|------------------|
|                                                                                  |                             |                 |                                         |                                               |                        | 024 / AC/DC<br>[V/Hz] | 120/AC<br>[V/Hz] |
| <b>NPT internal thread, seal material FKM/FKM</b>                                |                             |                 |                                         |                                               |                        |                       |                  |
| <b>CF A</b><br>2/2-way solenoid valve<br>Servo-controlled<br>Normally closed<br> | <b>Brass body</b>           |                 |                                         |                                               |                        |                       |                  |
|                                                                                  | NPT 1/4                     | 6.0             | 0.7                                     | 0...232                                       | 40 / 1.57              | o. r.                 | o. r.            |
|                                                                                  | NPT 3/8                     | 6.0             | 0.7                                     | 0...232                                       | 40 / 1.57              | o. r.                 | 20030584 𐀀       |
|                                                                                  | <b>Stainless steel body</b> |                 |                                         |                                               |                        |                       |                  |
|                                                                                  | NPT 1/4                     | 6.0             | 0.7                                     | 0...232                                       | 40 / 1.57              | 20019107 𐀀            | o. r.            |
|                                                                                  | NPT 3/8                     | 6.0             | 0.7                                     | 0...232                                       | 40 / 1.57              | o. r.                 | 20030802 𐀀       |
| NPT 1/2                                                                          | 12.0                        | 2.5             | 0...145                                 | 42 / 1.65                                     | o. r.                  | o. r.                 |                  |
| NPT 1/2                                                                          | 12.0                        | 2.5             | 0...363                                 | 42 / 1.65<br>(Kick and Drop)                  | o. r.                  | o. r.                 |                  |

o. r. = on request

1.) Maximum allowable working pressure

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**High pressure version up to 3626 psi or 2321 psi with cable coil**

**Note:**

- The Kick and Drop coil (AC/DC) features integrated electronics for short-term power increase and decrease in double coil technology.
- Further versions with alternative voltages, G or RC internal thread, seal material EPDM/EPDM available on request.
- With 3 m/9'10" cable as standard. Other lengths or version with terminal box on request.

| Circuit function                                                                        | Port connection                       | Orifice<br>[mm] | C <sub>v</sub> value water<br>[gal/min] | Pressure range (MAWP <sup>1.)</sup> |           |           | Coil size<br>[mm/inch]    | Article no. |        |
|-----------------------------------------------------------------------------------------|---------------------------------------|-----------------|-----------------------------------------|-------------------------------------|-----------|-----------|---------------------------|-------------|--------|
|                                                                                         |                                       |                 |                                         | Water                               | Oil       | Air       |                           | 024 / AC/DC | 120/AC |
|                                                                                         |                                       |                 |                                         | [psi]                               | [psi]     | [psi]     |                           | [V/Hz]      | [V/Hz] |
| <b>NPT internal thread, stainless steel body, seal material PCTFE/FKM or PCTFE/PEEK</b> |                                       |                 |                                         |                                     |           |           |                           |             |        |
| <b>CF A</b><br>2/2-way solenoid valve<br>Servo-controlled<br>Normally closed<br>        | <b>Pressure rating up to 2321 psi</b> |                 |                                         |                                     |           |           |                           |             |        |
|                                                                                         | NPT 1/4                               | 6.0             | 0.7                                     | 14...2321                           | 14...1740 | 14...2321 | 42 / 1.65 (Kick and Drop) | 20040448 𐄂  | o. r.  |
|                                                                                         | NPT 3/8                               | 6.0             | 0.7                                     | 14...2321                           | 14...1740 | 14...2321 | 42 / 1.65 (Kick and Drop) | o. r.       | o. r.  |
|                                                                                         | <b>Pressure rating up to 3626 psi</b> |                 |                                         |                                     |           |           |                           |             |        |
|                                                                                         | NPT 1/2                               | 12.0            | 2.5                                     | 14...2900                           | 14...2176 | 14...3626 | 42                        | o. r.       | o. r.  |
|                                                                                         | NPT 1/2                               | 12.0            | 2.5                                     | 14...3626                           | 14...3626 | 14...3626 | 42 (Kick and Drop)        | 20005146 𐄂  | o. r.  |
| <b>CF B</b><br>2/2-way solenoid valve<br>Servo-controlled<br>Normally open<br>          | NPT 1/2                               | 12.0            | 2.5                                     | 14...2900                           | 14...2176 | 14...3626 | 42 (Kick and Drop)        | 20024491 𐄂  | o. r.  |

o. r. = on request  
 1.) Maximum allowable working pressure

| Further versions on request                                                                                                   |                                                       |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <b>Approval</b><br>Further information can be found in chapter "3. Approvals and conformities" on page 5.                     | <b>Material</b><br>Seal: EPDM                         |
| <b>Process connection</b> <ul style="list-style-type: none"> <li>• Flange</li> <li>• Cartridge</li> <li>• Manifold</li> </ul> | <b>Voltage</b><br>042/50, further voltages on request |

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8.12. Ordering chart accessories

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

Note:

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

| Cable plug | Dimensions | Version                                                                                                | Voltage         | Article no. |
|------------|------------|--------------------------------------------------------------------------------------------------------|-----------------|-------------|
|            |            | Without circuitry (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 circuitry (AC/DC) with silicone seal for higher ambient temperature, e.g. steam version (NA07) | 0...250 V AC/DC | 361687      |

Cable plug Type 2509, form A according to DIN EN 175301 - 803

Note:

- Dimensions in mm
- Without circuitry (standard)
- The cable plug meets the requirements for UL hazloc Div. 2.
- The cable plug Type 2509 meets the requirements in accordance with UL Listed (UL 429) in assembly with a Bürkert solenoid valve.
- Refer to data sheet **Type 2509** ▶ for more information about the cable plug.

| Cable plug | Dimensions | Version           | Voltage         | Article no. |
|------------|------------|-------------------|-----------------|-------------|
|            |            | Without circuitry | 0...250 V AC/DC | 137943      |

Special tool to turn the terminal box

Note:

This special tool is not supplied with the valve.

| Description       | Components of the set                                                                        | Article no. |
|-------------------|----------------------------------------------------------------------------------------------|-------------|
| Set SC02-AC10<br> | <ul style="list-style-type: none"> <li>• Special wrench</li> <li>• Service manual</li> </ul> | 293488      |

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**Mounting bracket**

**Note:**

- The mounting bracket, two cylinder screws M4×8 and two spring rings are included in the scope of delivery.
- The mounting bracket can be used for all standard and high-pressure versions DN 6 up to 2321 psi including HazLoc option.
- The mounting bracket cannot be used for the DN 13 version and high-pressure versions up to to 3626 psi as well as various special bodies made of solid material.

| Description                                                                                                                            | Article no.     |
|----------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <p>Mounting bracket for Type 6020/6027/6240/6440</p>  | <p>282304 𐀀</p> |

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