



Direct-acting 2/2 or 3/2-way pivoted armature valve

- Direct-acting, media-separated valve up to DN 8
- Maintenance-free pivoted armature technology
- Vibration-proof, block screwed coil system
- Service-friendly, robust manual override
- Explosion-proof variants

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

Can be combined with

| | | |
|--|---|---|
| | <p>Type 1087 Timer, form A according to DIN EN 175301 - 803</p> | ▶ |
| | <p>Type 2518 Cable plug, form A according to DIN EN 175301 - 803</p> | ▶ |
| | <p>Type 2509 Cable plug, form A according to DIN EN 175301 - 803</p> | ▶ |

Type description

The 0121 valve is a direct-acting, media separated pivoted armature valve. It is available as a 2/2 and 3/2-way variant. As a 3/2-way variant, it can be used as a distributor or mixing valve. Various diaphragm materials and circuit functions are available depending on the actual application. The range of bodies includes stainless steel, PTFE and PVC versions. The solenoid coils are moulded with a chemically resistant epoxy. Since the coil system is separated from the medium by a diaphragm, the valve is especially suitable for critical media such as aggressive acids and lyes. The 0121 is equipped with manual override for start-up and testing. To reduce energy demands, all the coils can be delivered with electronic power reduction or as an impulse variant. The switching status can be indicated via position feedback as a binary or NAMUR signal.

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1. General technical data

| Product properties | |
|---|--|
| Dimensions | Further information can be found in chapter "5. Dimensions" on page 8. |
| Materials | |
| Seal | FKM FFKM EPDM |
| Body | PTFE PVC (resistant according to DIN 8062, 8061) Stainless steel 1.4401 PVDF (on request) |
| Material resistance | Further information can be found in chapter "4.1. Bürkert resistApp" on page 7. |
| Weight | |
| Standard version | Stainless steel body: 0.9 kg PVC body: 0.38 kg PTFE body: 0.5 kg |
| Explosion-proof version | Stainless steel body: 1.15 kg PVC body: 0.62 kg PTFE body: 0.75 kg |
| Orifice | DN 2...DN 8 FFKM only possible up to DN 6.0 |
| Circuit function | Further information can be found in chapter "2. Circuit functions" on page 5. |
| Thermal insulation class of solenoid coil | H |
| Performance data | |
| Duty cycle | |
| With stainless steel | 100 % |
| With PTFE | 40 % duty cycle (60 % intermittent operation) in 10 min at 8 W version 100 % duty cycle for 5 W version or high-capacity electronic |
| With PVC | 10 % duty cycle (10 min) 100 % duty cycle for version with high-capacity electronic |
| Switching frequency | |
| Standard version | Max. 100/min with AC Max. 10/min for UC (high-capacity electronic) |
| Explosion-proof version | Medium temperature up to +70 °C: max. 20/min Medium temperature up to +90 °C: max. 5/min |
| Switching time¹⁾ standard version | |
| Frequency AC | Opening: 20 ms Closing: 11 ms |
| Frequency DC | Opening: 11 ms Closing: 8 ms |
| Response time¹⁾ explosion-proof version | |
| Orifice DN 2...DN 8 | Opening: 30 ms Closing: 40 ms |
| Electrical data | |
| Power consumption standard | |
| Frequency AC | Inrush: 30 VA Hold: 15 VA Hold: 8 W |
| Frequency DC | Cold: 11 W Warm: 8 W |
| Power consumption explosion-proof version | |
| Frequency AC/DC | Inrush: 40 W Hold: 3 W |
| Voltage | |
| Standard version | 24 V/50 Hz, 110 V/50 Hz, 230 V/50 Hz, 120 V/60 Hz, 240 V/60 Hz, 12 V/DC, 24 V/DC (further voltages on request) |
| Explosion-proof version | 24 V, 230 V (further voltages on request) |
| Voltage tolerance | ± 10 % |

Medium data

Operating medium

| | |
|---------------|---|
| With FKM | Oxydizing acids and substances, hot oils with additives, salt solutions, waste gases |
| With FFKM | Aggressive mediums, hot air, hot oils, aromatics, ether, esther, ketones |
| With EPDM | Alkalis, acids to medium concentrations, alkaline washing and bleaching lyes |
| All Materials | Further information can be found in chapter "4.1. Bürkert resistApp" on page 7 |

Medium temperature standard version

| | |
|--|-----------------------|
| With body material PTFE or stainless steel | EPDM: -30 °C...+90 °C |
| | FKM: -10 °C...+90 °C |
| | FFKM: -10 °C...+90 °C |
| With body material PVC | EPDM: -30 °C...+50 °C |
| | FKM: -10 °C...+50 °C |
| | FFKM: -10 °C...+50 °C |

Medium temperature explosion-proof version

| | |
|--|-----------------------|
| With body material PTFE or stainless steel | EPDM: -20 °C...+90 °C |
| | FKM: -10 °C...+90 °C |
| | FFKM: -10 °C...+90 °C |
| With body material PVC | EPDM: -20 °C...+50 °C |
| | FKM: -10 °C...+50 °C |
| | FFKM: -10 °C...+50 °C |

Viscosity Max. 37 mm²/s

Process/Port connection & communication

Electrical connection

| | |
|-------------------------|--|
| Standard version | Plug contact according to DIN EN 175 301 - 803 form A for cable plug Type 2518 ▶ Plug contact according to DIN EN 175 301 - 803 form A for cable plug Type 2509 ▶ (Also available with pressed-in cable or terminal box on request.) Further information can be found in chapter "9.5. Ordering chart accessories" on page 15. |
| Explosion-proof version | Pressed-in cable cable (HO5RN-F3G, 3 x 0.75 mm ²) Terminal box without safety fuse (Information about ACP016 see operating manual.) |

Approvals and conformities

Standard version

Degree of protection IP65 with cable plug

Explosion-proof version

Degree of protection IP65
Explosion protection Further information can be found in chapter **"3.4. Explosion protection"** on page 5.

Environment and installation

Installation As required, preferably with actuator upright

Ambient temperature

Standard version Max. +50 °C
Explosion-proof version Max. +55 °C

1.) Measurement at +20 °C, 6 bar at the valve outlet, opening: pressure build-up 0...90%, closing: pressure reduction 100...10%

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2. Circuit functions

| Symbol | Description |
|--------|--|
| | Circuit function A (CF A) 2/2-way solenoid valve Direct-acting Normally closed |
| | Circuit function B (CF B) 2/2-way solenoid valve Direct-acting Normally open |
| | Circuit function C (CF C) 3/2-way solenoid valve Direct-acting Normally closed |
| | Circuit function D (CF D) 3/2-way solenoid valve Direct-acting Normally open |
| | Circuit function E (CF E) 3/2-way mixing valve (solenoid valve) |
| | Circuit function F (CF F) 3/2-way distribution valve (solenoid valve) Direct-acting |

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 versions 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.

3.4. Explosion protection

| Approval | Description |
|----------|---|
| | Optional: Explosion protection ATEX: EPS 16 ATEX 1 111 X II 2 G Ex mb IIC T4 Gb II 2 D Ex mb IIIC T130 °C Db IECEX: IECEX EPS 16.0049X Ex mb IIC T4 Gb Ex mb IIIC T130 °C Db |

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3.5. Nordamerika (USA/Kanada)

| Approval | Description |
|----------|---|
| | <p>Optional (valid for coils): UL Hazardous Locations – Explosion Protection UL Listed for Hazardous Locations for USA and Canada Class I, Zone 1 Class I, Division 2, Group A, B, C and D Class II + III, Division 2, Group F and G</p> |
| | <p>Optional (valid for valves): UL Recognized for the USA The valves are UL Recognized for the USA according to:</p> <ul style="list-style-type: none"> • UL 429 (electrically operated valves) and UL 429A (Electrically Operated Valves for Fire Protection Service) |
| | <p>Optional (valid for valves): CSA for Canada The valves are CSA approved for Canada according to:</p> <ul style="list-style-type: none"> • CSA 139 (electrically operated valves) |
| | <p>Optional (valid for coils): FM (Factory Mutual) – Explosion Protection FM for Hazardous Locations for USA and Canada Class I, Zone 1 Class I, Division 1, Groups A, B, C and D Class II + III, Division 1, Groups E, F and G</p> |

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4. Materials

4.1. Bürkert resistApp



Bürkert resistApp – Chemical resistance chart

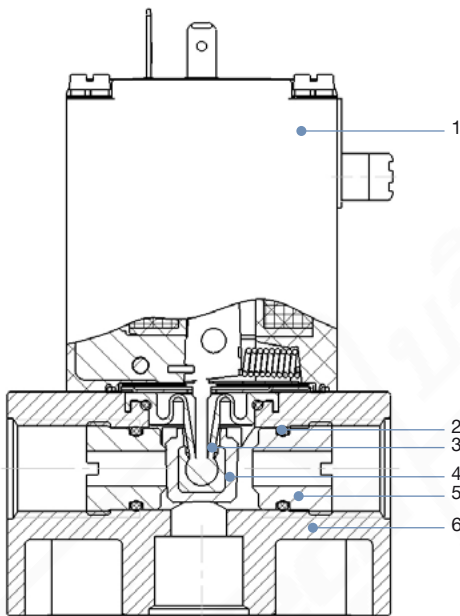
You want to ensure the reliability and durability of the materials in your individual application case? Verify your combination of media and materials on our website or in our resistApp.

[Start chemical resistance check](#)

4.2. Material specifications

Note:

This sectional drawing shows the standard version with PVC housing and FKM seal.



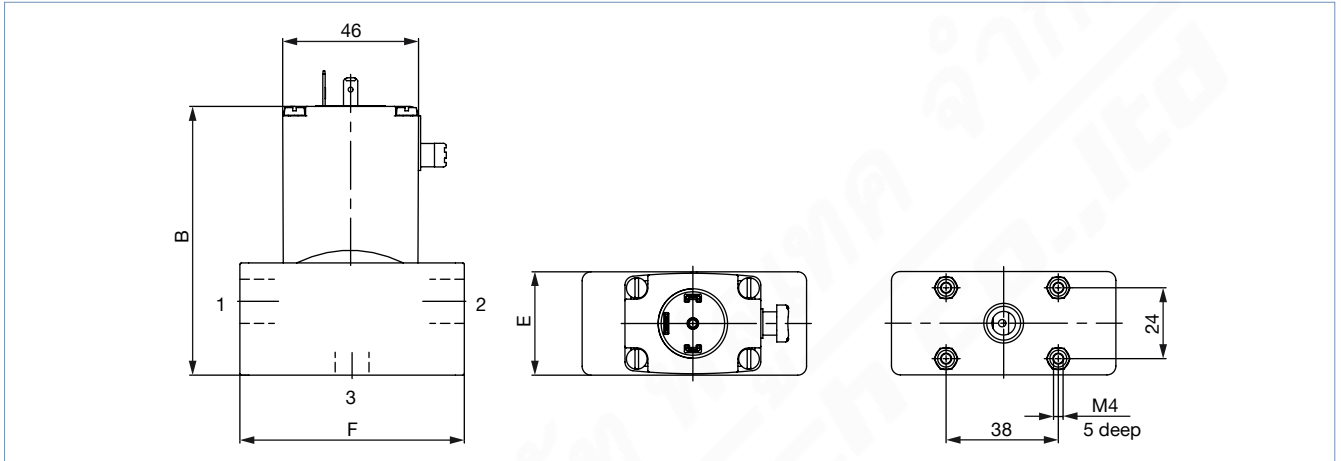
| No. | Element | Material |
|-----|------------|---|
| 1 | Coil | Epoxy |
| 2 | O-ring | FKM, FFKM, EPDM |
| 3 | Toggle pin | PTFE |
| 4 | Seal | FKM, FFKM, EPDM |
| 5 | Seat | PTFE PVC (resistant according to DIN 8062, 8061) Stainless steel 1.4401 |
| 6 | Valve body | PTFE PVC (resistant according to DIN 8062, 8061) Stainless steel 1.4401 |

5. Dimensions

5.1. Standard version

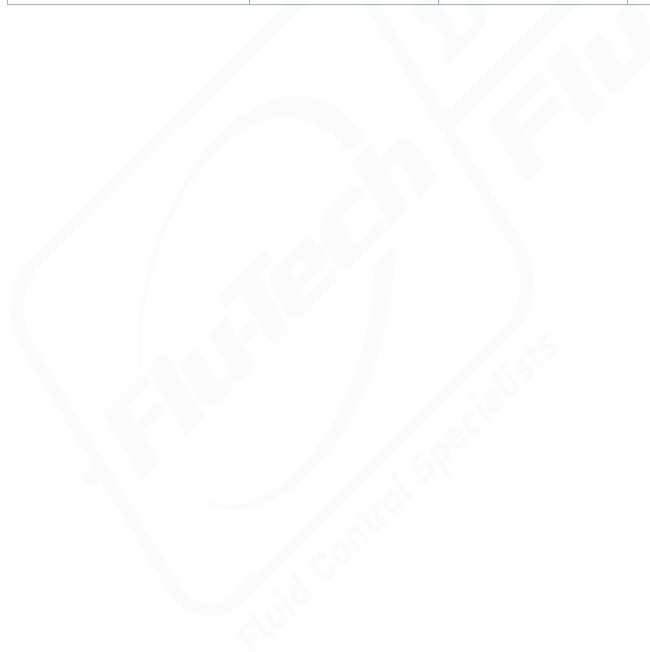
Note:

- Dimensions in mm
- The dimensions of the cable plug Type 2518 can be found in chapter “Cable plug Type 2518, form A according to DIN EN 175301-803” on page 15.
- The dimensions of the cable plug Type 2509 can be found in chapter “Cable plug Type 2509, form A according to DIN EN 175301-803” on page 16.



| Body material | D | B | E | F |
|-----------------|-----|----|----|----|
| Stainless steel | G ¼ | 89 | 32 | 76 |
| PVC | G ⅜ | 91 | 35 | 65 |
| PTFE | G ⅜ | 91 | 35 | 76 |

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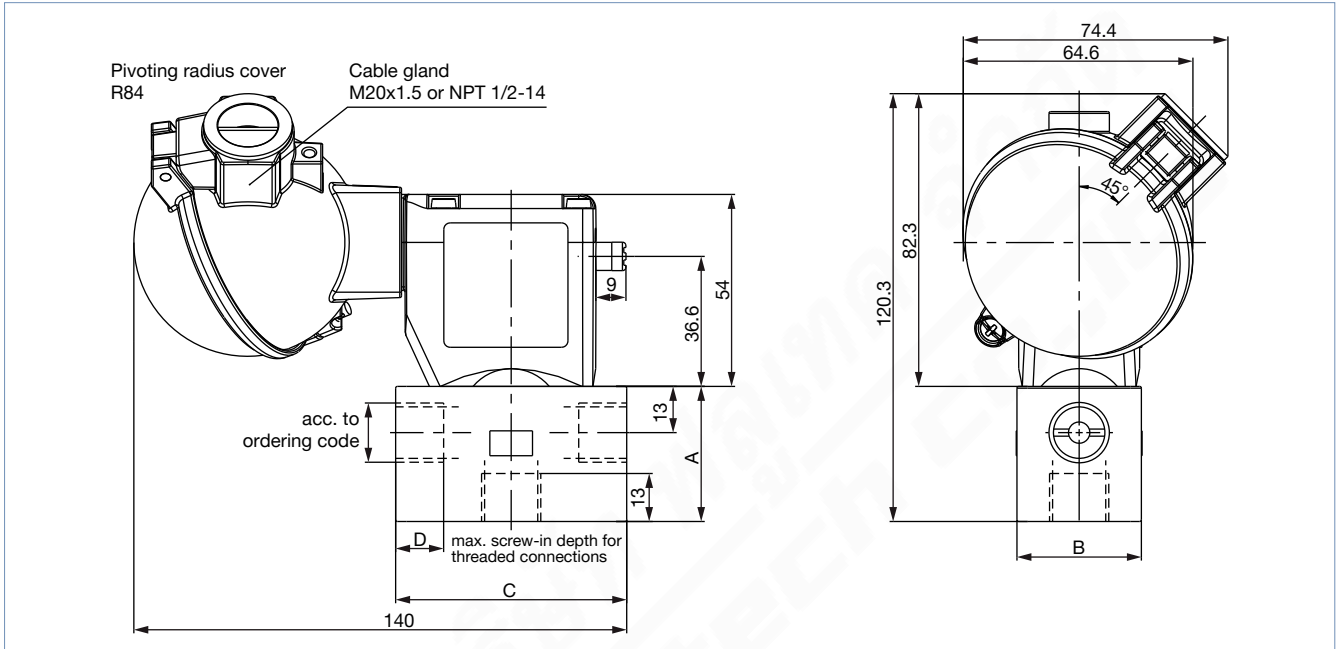


5.2. Explosion-proof version

Terminal box version

Note:

- Dimensions in mm
- Attaching device: M4 x 5 holes on the bottom of the housing on the hole pattern 38 x 24 mm

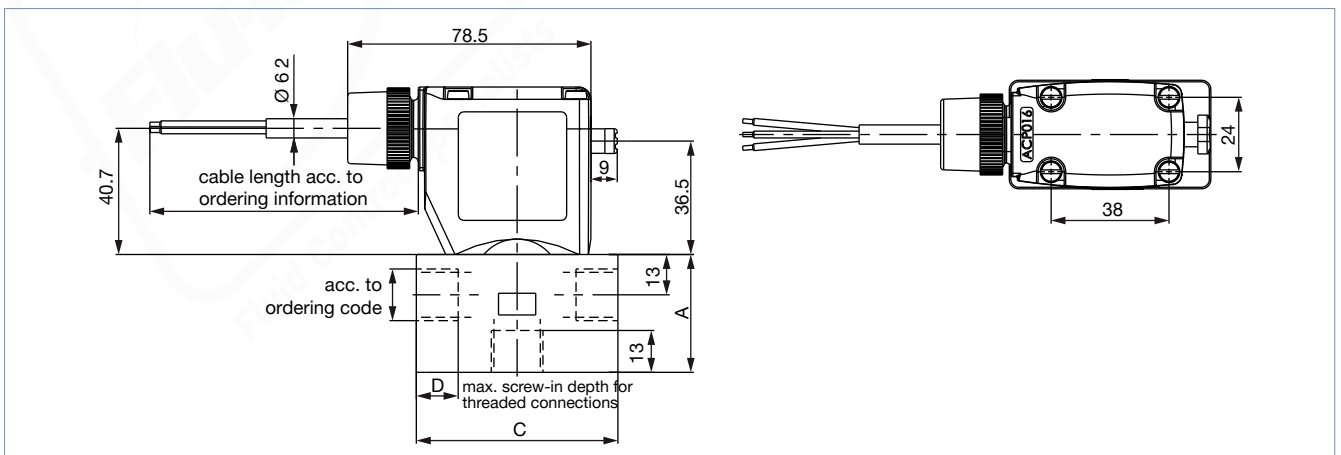


| Body material | A | B | C | D |
|-----------------|----|----|----|------|
| Stainless steel | 36 | 32 | 76 | 19.5 |
| PVC | 38 | 35 | 65 | 17 |
| PTFE | 38 | 35 | 76 | 22.5 |

Cable version

Note:

- Dimensions in mm
- Attaching device: M4 x 5 holes on the bottom of the housing on the hole pattern 38 x 24 mm



| Body material | A | C | D |
|-----------------|----|----|------|
| Stainless steel | 36 | 76 | 19.5 |
| PVC | 38 | 65 | 17 |
| PTFE | 38 | 76 | 22.5 |

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6. Device/Process connections

6.1. Pin assignment standard version

Note:

The pin assignment (marked No. 1, 2 and 3 in the drawing) depends on the circuit function. In the table, compare the respective pin assignment with the corresponding circuit function.

| Circuit function | Connection 1 | Connection 2 | Connection 3 | 2-way | 3-way |
|------------------|--------------|--------------|--------------|-------|-------|
| A | A | P | – | | |
| B | P | B | – | | |
| C | P | R | A | | |
| D | R | P | B | | |
| E | P1 | P2 | A | | |
| F | A | B | P | | |

6.2. Pin assignment explosion-proof version

Note:

The pin assignment (marked No. 1, 2 and 3 in the drawing) depends on the circuit function. In the table, compare the respective pin assignment with the corresponding circuit function.

| Circuit function | Connection 1 | Connection 2 | Connection 3 | 2-way | 3-way |
|------------------|--------------|--------------|--------------|-------|-------|
| A | A | P | – | | |
| B | P | B | – | | |
| C | P | R | A | | |
| D | R | P | B | | |
| E | P1 | P2 | A | | |
| F | A | B | P | | |

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7. Performance specifications

7.1. Pressure range and flow rate

Standard version

| Circuit function | DN | K _v value water [m ³ /h] | Pressure range ¹⁾ | |
|------------------|----|---|--|-------------------------------------|
| | | | Frequency AC ²⁾ (50 or 60 Hz) [bar] | Frequency DC ²⁾ [bar] |
| A / F | 2 | 0.1 | 0...6 | 0...3 |
| | 4 | 0.3 ³⁾ | 0...4 | 0...2 |
| | 6 | 0.6 ⁴⁾ | 0...2 | 0...1 |
| | 8 | 1.0 | 0...1 | 0...0.8 |
| C / D | 2 | 0.1 | 0...3 | 0...1.5 |
| | 4 | 0.3 ³⁾ | 0...2 | 0...1 |
| | 6 | 0.6 ⁴⁾ | 0...1 | 0...0.5 |
| | 8 | 1.0 | 0...0.3 | 0...0.3 |
| B | 2 | 0.1 | 0...6 | 0...3 |
| | 4 | 0.3 ³⁾ | 0...4 | 0...2 |
| | 6 | 0.6 ⁴⁾ | 0...2 | 0...1 |
| | 8 | 1.0 | 0...1 | 0...0.5 |
| E | 2 | 0.1 | 0...3 | 0...1.5 |
| | 4 | 0.3 ³⁾ | 0...2 | 0...1 |
| | 6 | 0.6 ⁴⁾ | 0...1 | 0...0.5 |
| | 8 | 1.0 | 0...0.2 | 0...0.2 |

1.) Pressure data: overpressure to the atmospheric pressure (deviating pressure range for 5 W version)

2.) Heat output 8 W

3.) Nominal diameter DN 4 and seal material FKM resp. FFKM K_v value reduces to 0.24 m³/h.

4.) Nominal diameter DN 6 and seal material FKM resp. FFKM K_v value reduces to 0.48 m³/h.

Explosion-proof version

| Circuit function | DN | K _v value water ¹⁾ [m ³ /h] | Pressure range ²⁾ |
|------------------|----|---|------------------------------|
| | | | [bar] |
| A / F | 2 | 0.1 | 0...6 |
| | 4 | 0.3 ³⁾ | 0...4 |
| | 6 | 0.6 ⁴⁾ | 0...2 |
| | 8 | 1.0 | 0...1 |
| C / D | 2 | 0.1 | 0...3 |
| | 4 | 0.3 ³⁾ | 0...2 |
| | 6 | 0.6 ⁴⁾ | 0...1 |
| | 8 | 1.0 | 0...0.3 |
| B | 2 | 0.1 | 0...6 |
| | 4 | 0.3 ³⁾ | 0...4 |
| | 6 | 0.6 ⁴⁾ | 0...2 |
| | 8 | 1.0 | 0...1 |
| E | 2 | 0.1 | 0...3 |
| | 4 | 0.3 ³⁾ | 0...2 |
| | 6 | 0.6 ⁴⁾ | 0...1 |
| | 8 | 1.0 | 0...0.2 |

1.) Measurement at +20 °C, 1 bar at the valve inlet and free outlet

2.) Pressure data: overpressure to the atmospheric pressure

3.) Nominal diameter DN 4 and seal material FKM resp. FFKM K_v value reduces to 0.24 m³/h.

4.) Nominal diameter DN 6 and seal material FKM resp. FFKM K_v value reduces to 0.48 m³/h.

8. Product accessories

8.1. Accessories standard version

| Option | Variable code | Specifications |
|---|---|--|
| Oxygen versions | NL02 | Suitable for applications with oxygen (non-metal materials that are in contact with the medium, are tested and approved according to BAM) |
| Increased purity requirements, e.g. oil, grease and silicone-free | NL50/ NL05 | Wetted parts are specially cleaned and packaged in accordance with the valves |
| Electrical feedback | LF03 | See Type 1060 ▶. Function as opener, closer or toggle switch depending on the connection (no IP65 achievable) |
| High-power electronics | CZ05 | Inrush power 60 W, nominal holding current 3 W; with plastic versions 100 % duty cycle is now feasible |
| Vacuum version | NA02 | Suitable for vacuum up to -0.98 bar |
| Improved purity and tightness requirements | NA03 | Wetted parts are specially cleaned and leak tested to 10 ⁻⁴ mbar x l/sec |
| Coil with reduced power (5 W) | – | Devices have lower pressure range; with plastic versions 100 % duty cycle is now feasible |
| Cable plug | JHxx/ JGxx/ JFxx | Cable plug is part of the delivery. Cable plug versions (according to DIN EN 175301 - 803 form A), see separate data sheet Type 2518 ▶ and Type 2509 ▶ |
| Approvals | PD02 | UR (UL Recognized)/CSA approval |
| | PE95 | UL (UL Listed) approval |
| | PR05 | cFMus approved coil Class I, Division 1, Groups A, B, C and D - T4 Class II, Division 1, Groups E, F and G - T4 Class III, Division 1 - T4 Class I, Zone 1, AEx mb IIC T4 Gb, Zone 21 AEx mb IIIC T130 °C Db Ex mb IIC T4 Gb; Ex mb IIIC T130 °C Db |
| | PU15 | UL Listed for Hazardous Locations for USA and Canada, Class I, Zone 1, AEx eb mb IIC T4; Zone 21, AEx mb tb IIIC T130 °C / Class I, Div 2, Group A,B,C,D; Class II+III, Div 2, Group F,G |
| PX41 | EPS 16 ATEX 1111 X/IECEx EPS 16.0049X, 2G T4 IIC/2D T130 °C IIIC, Tamb -40 °C...+60 °C, single and block mounting | |
| Possible conformities (depending on the assembly) | – | EAC, drinking water, FDA |


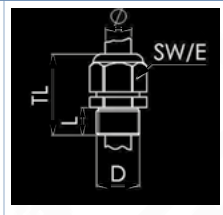

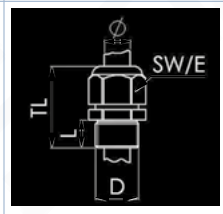
8.2. Accessories explosion-proof version

| Option | Variable code | Specifications |
|---|---------------|---|
| Oxygen versions | NL02 | Suitable for applications with oxygen (non-metal materials that are in contact with the medium, are tested and approved according to BAM) |
| Increased purity requirements, e.g. oil, grease and silicone-free | NL50/ NL05 | Wetted parts are specially cleaned and packaged in accordance with the valves |
| Vacuum version | NA02 | Suitable for vacuum up to -0.98 bar |
| Increased purity and tightness requirements | NA03 | Wetted parts are specially cleaned and leak tested to 10 ⁻⁴ mbar x l/sec |

8.3. Cable glands for ATEX/IECEX terminal box

Note:


A polyamide cable gland is included in the scope of delivery. A nickel-plated brass version can be ordered for a surcharge, see “[Cable glands for ATEX/IECEX terminal box](#)” on page 16.

| Description | Ex approvals | | Dimensions | | | | | | | | | | |
|--|---|--|--|----|------------|---|-------|---|-------|----|-------|---|-------|
| | Certification | Identification | | | | | | | | | | | |
| Ex cable gland, Nickel-plated brass, 6...13 mm  | PTB 04 ATEX 1112 X, IECEX PTB 13.0027X | II 2 G Ex e IIC Gb, II 2 D Ex tb IIIC Db IP68 |  <table border="1"> <tr><td>TL</td><td>29...37 mm</td></tr> <tr><td>L</td><td>6 mm</td></tr> <tr><td>D</td><td>20 mm</td></tr> <tr><td>SW</td><td>24 mm</td></tr> <tr><td>E</td><td>27 mm</td></tr> </table> | TL | 29...37 mm | L | 6 mm | D | 20 mm | SW | 24 mm | E | 27 mm |
| TL | 29...37 mm | | | | | | | | | | | | |
| L | 6 mm | | | | | | | | | | | | |
| D | 20 mm | | | | | | | | | | | | |
| SW | 24 mm | | | | | | | | | | | | |
| E | 27 mm | | | | | | | | | | | | |
| Ex cable gland, Polyamide, 7...13 mm  | PTB 13 ATEX 1015 X, IECEX PTB 13.0034X | II 2 G Ex e IIC Gb, II 2 D Ex tb IIIC Db IP68 |  <table border="1"> <tr><td>TL</td><td>36...45 mm</td></tr> <tr><td>L</td><td>10 mm</td></tr> <tr><td>D</td><td>20 mm</td></tr> <tr><td>SW</td><td>24 mm</td></tr> <tr><td>E</td><td>28 mm</td></tr> </table> | TL | 36...45 mm | L | 10 mm | D | 20 mm | SW | 24 mm | E | 28 mm |
| TL | 36...45 mm | | | | | | | | | | | | |
| L | 10 mm | | | | | | | | | | | | |
| D | 20 mm | | | | | | | | | | | | |
| SW | 24 mm | | | | | | | | | | | | |
| E | 28 mm | | | | | | | | | | | | |

8.4. Special tool to turn the terminal box

Note:

This special tool is not included in the scope of delivery of the valve, see “[Cable glands for ATEX/IECEX terminal box](#)” on page 16.

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

9. Ordering information

9.1. Bürkert eShop



Bürkert eShop – Easy ordering and quick delivery

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

[Order online now](#)

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9.2. 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.

[Try out our product filter](#)

9.3. 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.

[Fill out the form now](#)

9.4. Ordering chart

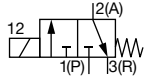
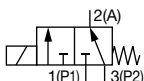
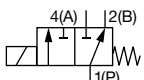
Standard version

Note:

Articles with reduced delivery time

| Circuit function | Port connection [inch] | Orifice [mm] | Body or seat material | Seal material | Article no. | | | |
|--|---------------------------|-----------------|-----------------------|--------------------|------------------|------------------|------------------|------------------|
| | | | | | 024/DC [V/Hz] | 024/50 [V/Hz] | 230/50 [V/Hz] | 120/60 [V/Hz] |
| With plastic or stainless steel body, manual override and cable plug (UC with silicon cable³⁾) | | | | | | | | |
| CF A¹⁾ 2/2-way solenoid valve Direct-acting Normally closed | G 3/8 | 4.0 | PVC | FKM | 049654 | 048940 | 047859 | – |
| | G 3/8 | 4.0 | PVC | EPDM | 050795 | 050085 | 049267 | – |
| | G 3/8 | 6.0 | PVC | FKM | 048749 | 049348 | 047810 | 049228 |
| | G 3/8 | 6.0 | PVC | EPDM | 049337 | 049678 | 049291 | – |
| | G 3/8 | 8.0 | PVC | FKM | 049697 | 052800 | 052302 | – |
| | G 3/8 | 8.0 | PVC | EPDM | 048698 | 050967 | 050701 | 450543 |
| | G 1/4 | 4.0 | Stainless steel | FKM | 055244 | 056934 | 052441 | – |
| | G 1/4 | 4.0 | Stainless steel | EPDM | 136290 | – | 136292 | – |
| | G 1/4 | 6.0 | Stainless steel | FKM | 040482 | 057086 | 054595 | – |
| | G 1/4 | 6.0 | Stainless steel | EPDM | 049113 | – | – | – |
| | G 3/8 | 4.0 | PTFE | FFKM ²⁾ | 122632 | – | 077191 | 457453 |
| | G 3/8 | 4.0 | PTFE | FFKM | 151733 | – | 136205 | – |
| | G 3/8 | 4.0 | PTFE | FFKM | 132098 | – | – | – |
| CF B¹⁾ 2/2-way solenoid valve Direct-acting Normally open | G 3/8 | 4.0 | PVC | FKM | – | – | 050158 | – |
| | G 3/8 | 6.0 | PVC | EPDM | 135416 | – | – | – |
| | G 3/8 | 4.0 | PTFE | FFKM | 132096 | – | – | – |
| | G 3/8 | 6.0 | PTFE | FFKM | 132097 | – | – | – |

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| Circuit function | Port connection | Orifice | Body or seat material | Seal material | Article no. | | | |
|---|-----------------|---------|-----------------------|---------------------|-------------------------|----------|----------|--------|
| | | | | | 024/DC | 024/50 | 230/50 | 120/60 |
| | | | | | [V/Hz] | [V/Hz] | [V/Hz] | [V/Hz] |
| CF C 3/2-way solenoid valve Direct-acting Normally closed  | G 3/8 | 4.0 | PVC | FKM | 051701 ☞ | - | - | - |
| | G 3/8 | 6.0 | PVC | EPDM | - | - | 051577 ☞ | - |
| | G 3/8 | 4.0 | PTFE | FFKM | - | - | 130625 ☞ | - |
| | G 3/8 | 4.0 | PTFE | FKM | 044771 ☞ | - | - | - |
| | G 3/8 | 6.0 | PTFE | FFKM ^{2.)} | 131364 ☞ ^{3.)} | - | - | - |
| | G 1/4 | 4.0 | Stainless steel | EPDM | - | - | 135858 ☞ | - |
| CF E 3/2-way mixing valve (solenoid valve)  | G 1/4 | 4.0 | Stainless steel | FKM | - | - | 042457 ☞ | - |
| | G 3/8 | 6.0 | PVC | EPDM | 048673 ☞ | - | - | - |
| | G 3/8 | 4.0 | PTFE | FFKM | 151715 ☞ | - | 130934 ☞ | - |
| | G 3/8 | 4.0 | PTFE | FFKM ^{2.)} | 135028 ☞ | - | - | - |
| CF F 3/2-way distribution valve (solenoid valve) Direct-acting  | G 3/8 | 6.0 | PVC | FKM | 049533 ☞ | 052181 ☞ | 047916 ☞ | - |
| | G 3/8 | 6.0 | PVC | EPDM | 040062 ☞ | 048760 ☞ | 050491 ☞ | - |
| | G 3/8 | 4.0 | PTFE | FFKM ^{2.)} | - | - | 124239 ☞ | - |
| | G 3/8 | 6.0 | PTFE | FFKM | 141134 ☞ | - | - | - |
| | G 3/8 | 6.0 | PTFE | FKM | 051256 ☞ | - | - | - |

-- not available

- 1.) The listed article numbers and circuit functions have a housing with straight pass.
- 2.) The valve seat seal material is FFKM, the O-ring seal material (seat) is FKM.
- 3.) The listed article numbers are equipped with a high-performance coil (60 W-inrush, 3 W-operation) and injected cable.
- 4.) The cable plug is not included in the scope of delivery.

Explosion-proof version

Note:


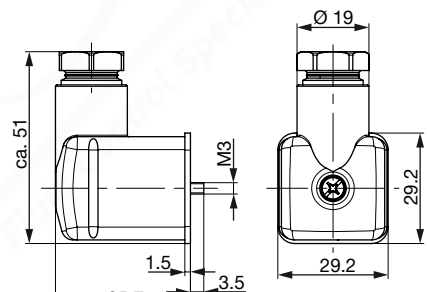
ATEX/IECEx versions are available on request.

9.5. Ordering chart accessories

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

Note:

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 ☞ |

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

Note:

- Without circuitry (standard)
- 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 ☒ |

Cable glands for ATEX/IECEx terminal box

Note:

- A cable gland in polyamide version is included in the delivery. A nickel-plated brass version can be ordered at surcharge.
- Refer to **“8.3. Cable glands for ATEX/IECEx terminal box”** on page 13 for more information about Ex cable glands.
- Refer to **“8.4. Special tool to turn the terminal box”** on page 13 for more information about special wrench.

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

1.) Cable diameter

2.) Not included in the scope of delivery of the valve

Mounting plate complete for DIN rail mounting

| Description | Article no. |
|-------------|-------------|
| | 013253 ☒ |

1.) Use only with 2/2-way straight-through valves

Locking ring

| Description | Article no. |
|--|-------------|
| Locking ring to prevent inadvertent manual actuation | 013372 ☒ |

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