





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

- Direct-acting, media-separated valve up to DN 4
- Pilot valve with Bürkert-specific flange variant (SFB)
- Maintenance-free pivoted armature technology
- 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

	Type 2518 Cable plug, form A according to DIN EN 175301-803	▶
	Type 1087 Timer, form A according to DIN EN 175301 - 803	▶
	Type 2509 Cable plug, form A according to DIN EN 175301-803	▶

Type description

The 0331 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. Brass, stainless steel, PEEK and polypropylene bodies are offered. 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 0331 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	Detailed information can be found in chapter "4. Dimensions" on page 6.
Material	
Seal	EDPM / FKM / FFKM / NBR
Body	Brass Stainless steel (1.4401) PP (Polypropylene) PEEK PVDF (on request)
Material resistance	Detailed information can be found in our resistance table, "3.1. Chemical Resistance Chart – Bürkert resistApp" on page 5.
Weight	
Standard version	Metal body: 0.47 kg Plastic body: 0.40 kg
Explosion-proof version	Metal body: 0.75 kg Plastic body: 0.60 kg
Orifice	DN 2...DN 4
Circuit function	Detailed information can be found in chapter "2. Circuit functions" on page 4.
Thermal insulation class of solenoid coil	H
Performance data	
Duty cycle	
With brass and stainless steel	100 %
With PP and PVDF	40 % duty cycle (60 % intermittent operation) in 30 min for 8 W version 100 % duty cycle for 5 W version
With PEEK	60 % duty cycle (40 % intermittent operation) in 30 min for 8 W version
With block mounting	Use reduced duty cycle or 5 W coil
Switching frequency (explosion-proof version)	Medium temperature up to +70 °C: 20/min Medium temperature up to +90 °C: 5/min
Switching time¹⁾ standard version	
Frequency AC	Opening: 8...15 ms Closing: 8...15 ms
Frequency DC	Opening: 10...20 ms Closing: 10...20 ms
Switching time¹⁾ explosion-proof version	
Orifices 2...4	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 impulse (inrush winding)	
Frequency AC	Hold: 20 VA Hold: 11 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 NBR	Neutral mediums such as compressed air, town gas, water, hydraulic oil, oils and greases without additives, oxygen
With EPDM	Alkalis, acids to medium concentrations, alkaline washing and bleaching lyes
With FKM	Oxidizing acids and substances, hot oils with additives, salt solutions, waste gases, oxygen
With FFKM	Aggressive mediums, hot air, hot oils

Medium temperature

With body material brass, stainless steel or PEEK	NBR: 0 °C...+80 °C
	EPDM: -30 °C...+90 °C
	FKM: 0 °C...+90 °C
	FFKM: +5 °C...+90 °C
With body material PP	NBR: 0 °C...+80 °C
	EPDM: -30 °C...+80 °C
	FKM: 0 °C...+80 °C
	FFKM: +5 °C...+80 °C

Viscosity	Max. 37 mm ² /s
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Process/Port connection & communication**Electrical connection**

Standard version	Tag connector acc. to DIN EN 175301 - 803 form A for cable plug Type 2518/2509 (on request also with moulded cable)
Explosion-proof version	Moulded cable (for more detailed information, refer to the operating manual ACP016), terminal box without safety fuse
Port connection	Flange interface acc. to Bürkert standard (see also chapter "4. Dimensions" on page 6)

Approvals and certificates**Standard version**

Degree of protection	IP65 with cable plug
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Explosion-proof version

Degree of protection	IP65
Type of protection	II 2 G Ex mb IIC T4 Gb II 2 D EX mb IIIC T130° Db
Certificate	EPS 16 ATEX 1 111 X IECEX EPS 16.0049X

Environment and installation

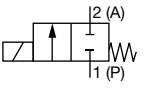
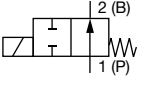
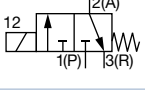
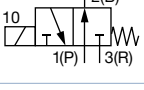
Installation position	As required, preferably with actuator upright
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Ambient temperature

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

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

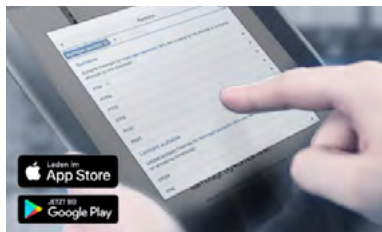
2. Circuit functions

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

Symbol	Description
	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
	Circuit function T (CF T) 3/2-way solenoid valve Direct-acting Flow direction optional Normally closed

3. Materials

3.1. Chemical Resistance Chart – Bürkert resistApp

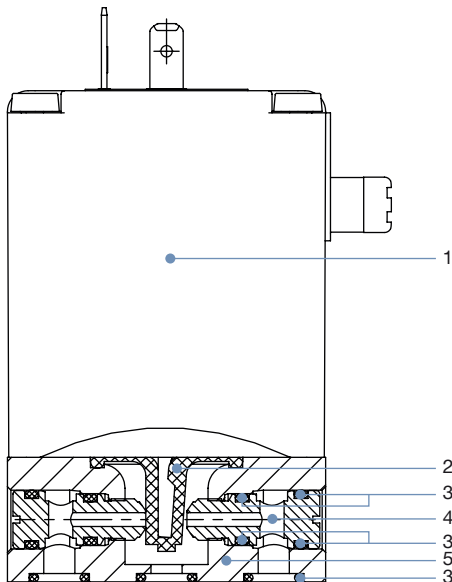


Bürkert resistApp – Chemical Resistance Chart

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](#)

3.2. Material specifications



No.	Element	Material
1	Coil	Epoxy
2	Diaphragm	EDPM, FKM, FFKM, NBR
3	O-ring	EDPM, FKM, FFKM, NBR
4	Seat	Brass Stainless steel (1.4401) PP (Polypropylene) PEEK
5	Valve body	Brass Stainless steel (1.4401) PP (Polypropylene) PEEK

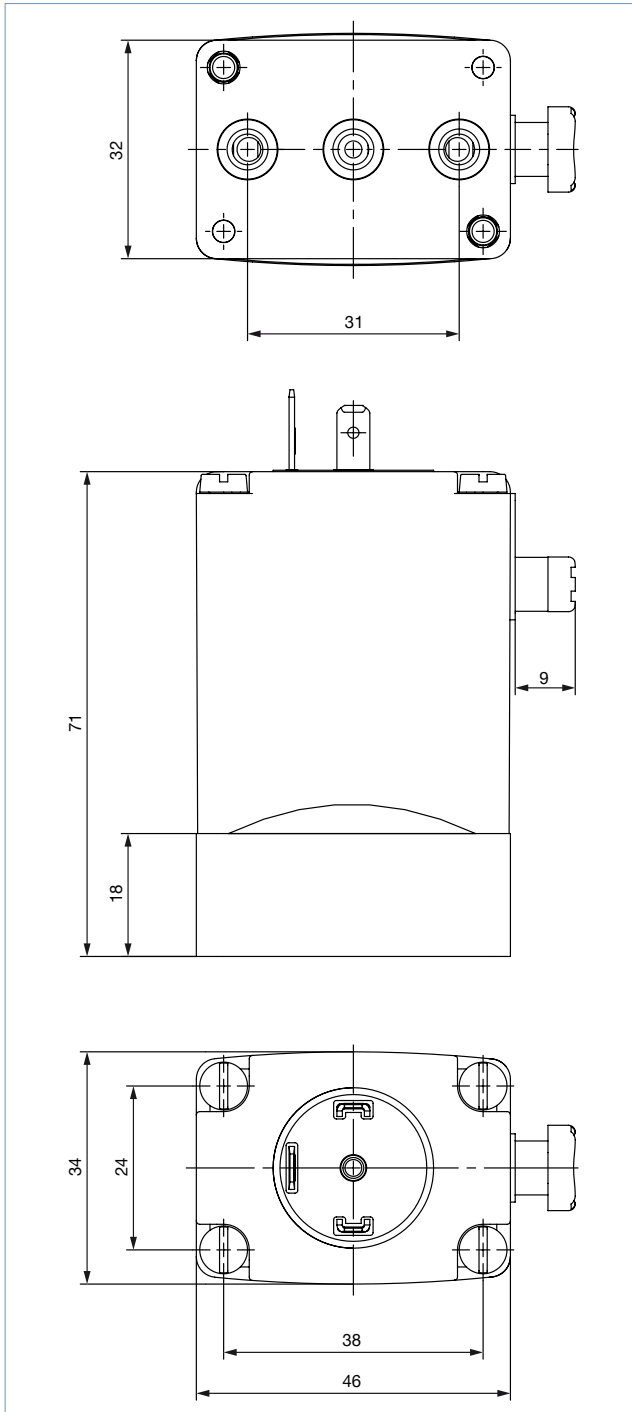
4. Dimensions

4.1. Standard version

Metal body

Note:

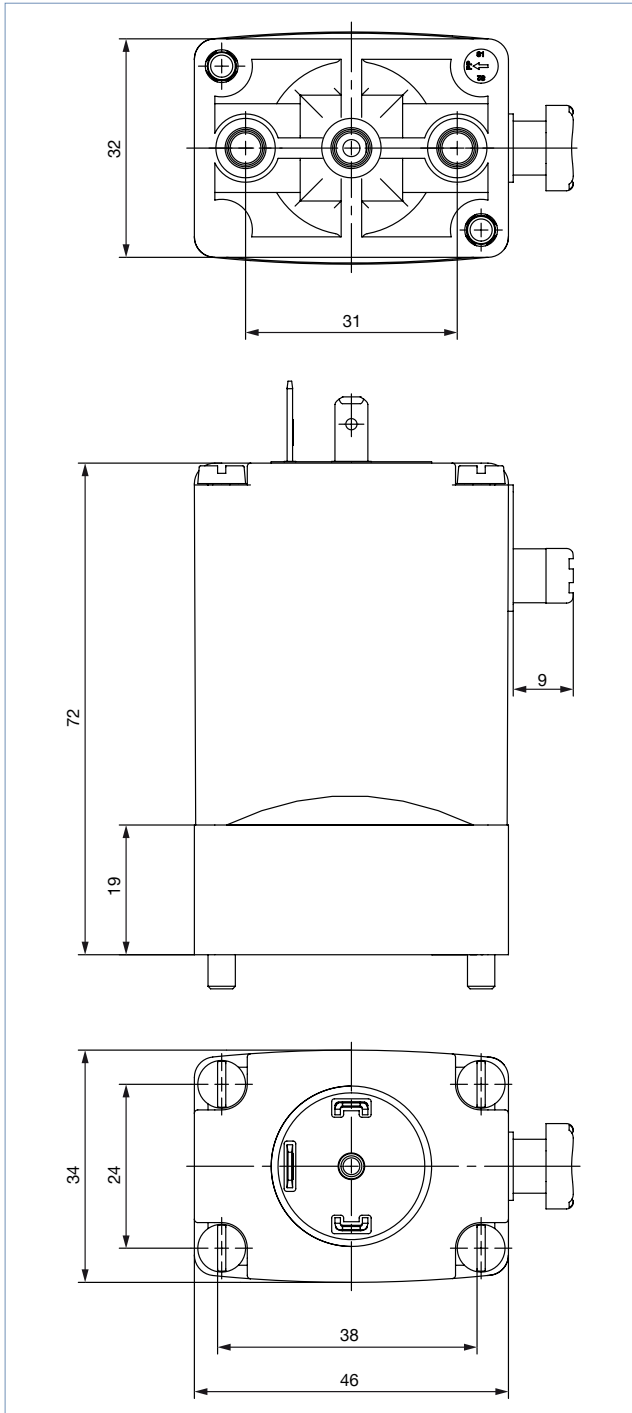
- Dimensions in mm
- The dimensions of the cable plug Type 2518 can be found in chapter “8.4. Ordering chart accessories” on page 18.



Plastic body

Note:

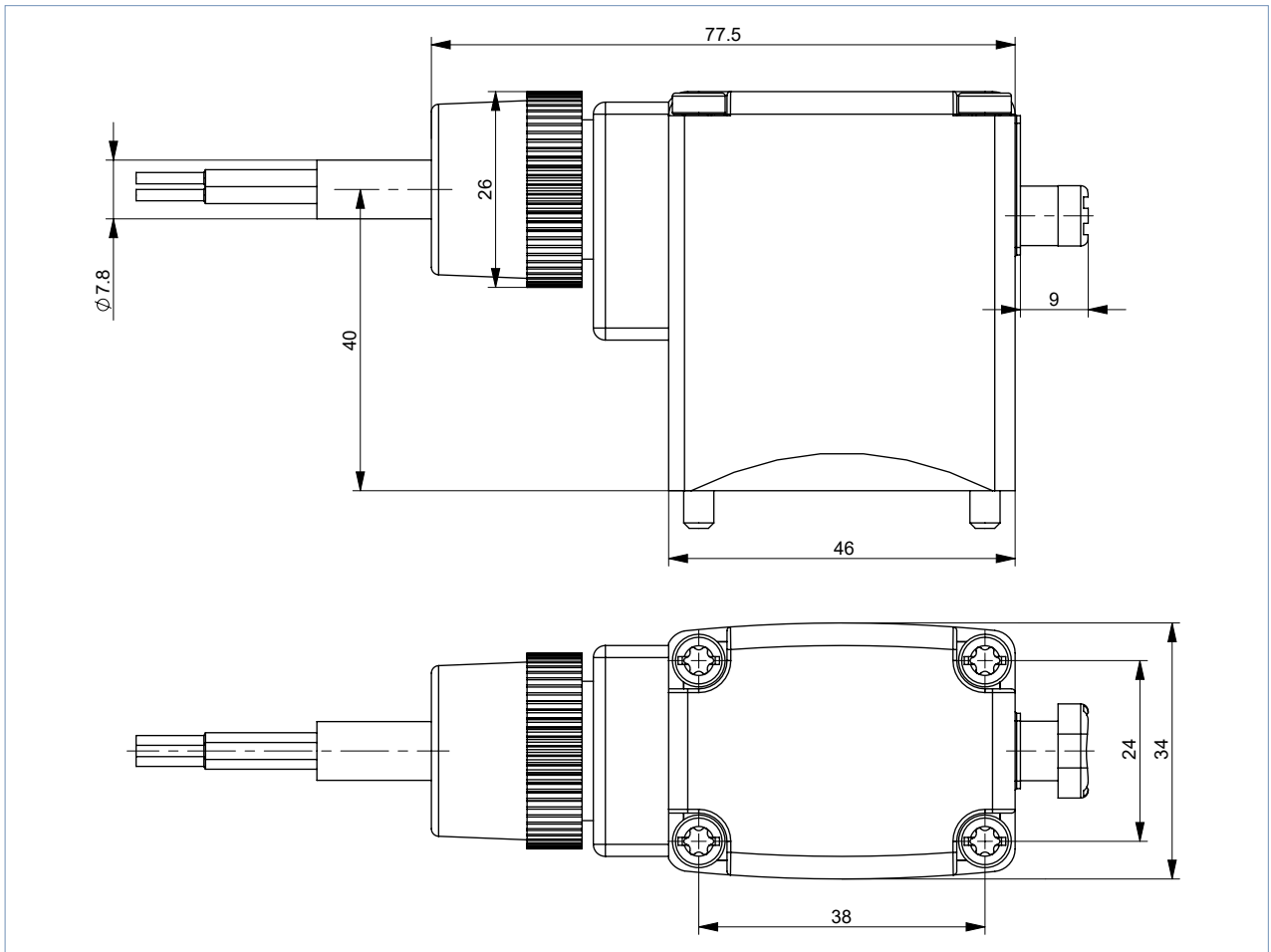
- Dimensions in mm
- The dimensions of the cable plug Type 2518 can be found in chapter "8.4. Ordering chart accessories" on page 18.



Cable version

Note:

Dimensions in mm

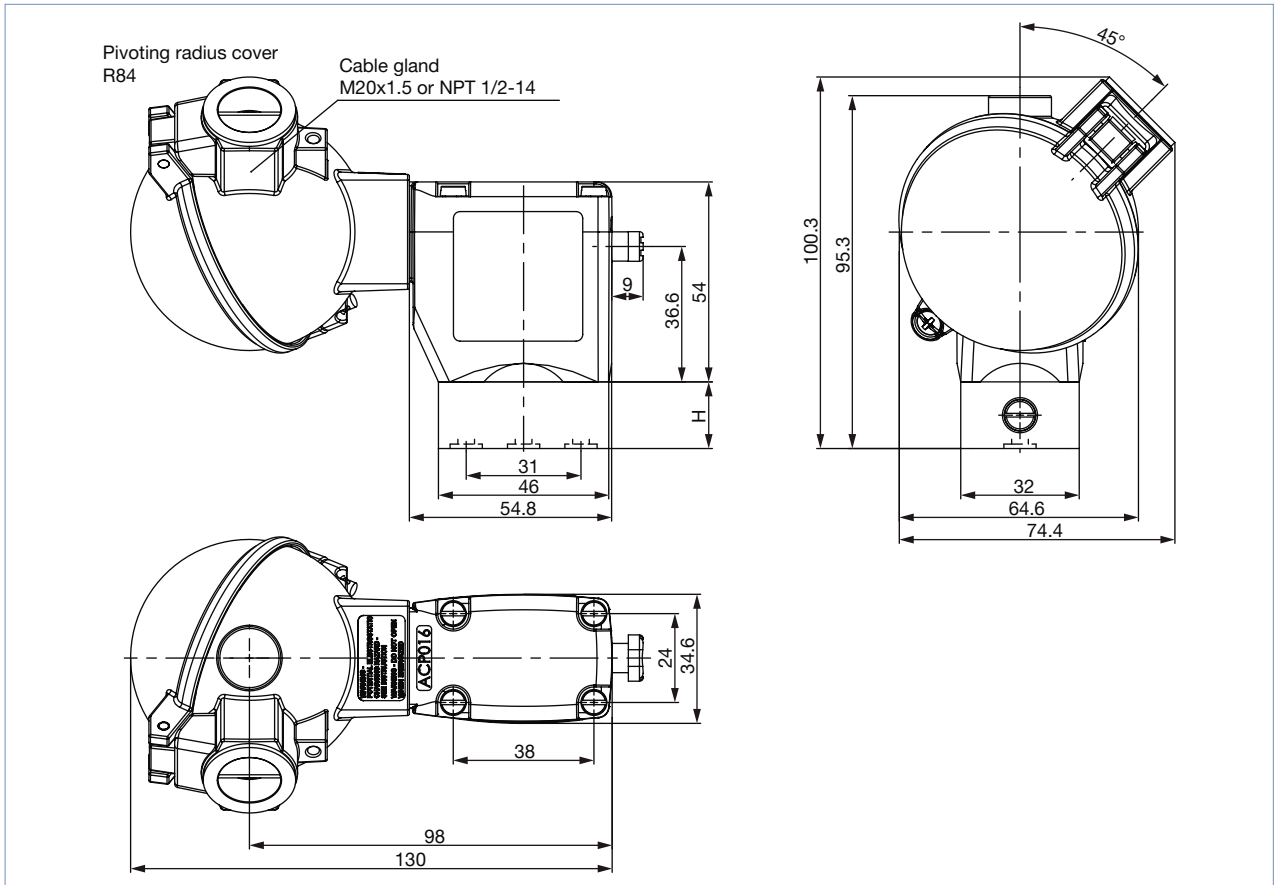


4.2. Explosion-proof version

Terminal box version

Note:

Dimensions in mm

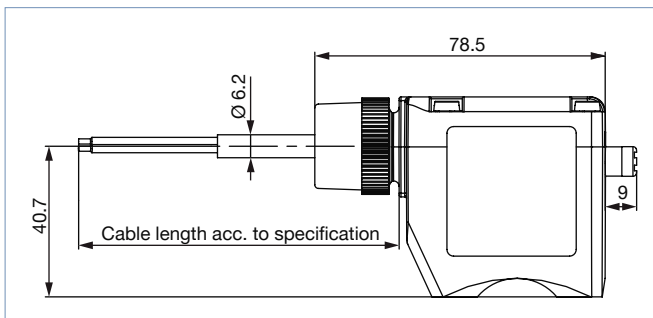


Body material	H
Brass/Stainless steel	18
PP/PD	19

Cable version

Note:

Dimensions in mm



5. Device/Process connections

5.1. 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	3 way
A	P	A	-	
B	-	B	P	
C	P	A	R	
D	R	B	P	
E	P1	A	P2	
F	A	P	B	
T	NC	I _N /OUT	NO	

5.2. 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	Conne- tion 1	Conne- tion 2	Conne- tion 3	3 way
A	P	A	-	
B	-	B	P	
C	P	A	R	
D	R	B	P	
E	P1	A	P2	
F	A	P	B	
T	NC	I _N /OUT	NO	

6. Performance specifications

6.1. Pressure range and flow rate

Standard version

Note:

Refer to ["Use in other circuit function"](#) on page 12 for more information about use in other circuit function.

Circuit function	DN	K _v value water ^{1.)}		Pressure range ^{2.)}		
		DC	AC (50 or 60 Hz)	Standard ^{3.)}	Vacuum ^{4.)}	Impulse ^{5.)}
		[m ³ /h]	[m ³ /h]	[bar]	[bar]	[bar]
Brass, stainless steel or PEEK body						
A / B / C / D / F	2.0	0.08	0.10	0...16 ^{6.)}	-0.98...10	0...16 ^{6.)}
	3.0	0.12	0.15	0...10	-0.98...6	0...10
	4.0	0.15	0.18	0...5	-0.98...3	0...5
E	2.0	0.08	0.10	0...10	-0.98...8	0...10
	3.0	0.12	0.15	0...6	-0.98...5	0...6
	4.0	0.15	0.18	0...3	-0.98...2.5	0...3
T	2.0	0.08	0.10	0...12	-0.98...8	–
	3.0	0.12	0.15	0...8	-0.98...5	–
	4.0	0.15	0.18	0...4	-0.98...3	–

Circuit function	DN	K _v value water ^{7.)}	Pressure range ^{2.)}			
			Standard ^{3.)} AC [50 or 60 Hz]	Standard ^{3.)} DC	Vacuum ^{4.)}	Impulse ^{5.)}
			[m ³ /h]	[bar]	[bar]	[bar]
PP and PVDF body						
A / B / C / D / F	2.0	0.1	0...16 ^{6.)}	0...12	-0.98...10	0...12
	3.0	0.15	0...10	0...8	-0.98...6	0...8
	4.0	0.18	0...5	0...4	-0.98...3	0...4
E / T	2.0	0.1	0...10	0...7	-0.98...7	0...7
	3.0	0.15	0...6	0...4	-0.98...5	0...4
	4.0	0.18	0...3	0...2.5	-0.98...2.5	0...2

1.) For frequency 56, the K_v values of the DC version apply

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

3.) Heat output 8 W

4.) Vacuum possible for all seal materials

5.) Starting power 11 W

6.) For seal material FKM and FFKM the max. medium pressure is 12 bar

7.) At frequency DC the K_v value is reduced till 10 % to fulfil the function

Explosion-proof version

Note:

Refer to **“Use in other circuit function”** on page 12 for more information about use in other circuit function.

Circuit function	DN	K _v value water [m ³ /h]	Pressure range ^{1.) 2.)}	
			Standard	Vacuum
			[bar]	[bar]
Brass, stainless steel or PEEK body				
A / B / C / D / F	2.0	0.10	0...16	-0.98...10
	3.0	0.15	0...10	-0.98...6
	4.0	0.18	0...5	-0.98...3
E	2.0	0.10	0...10	-0.98...8
	3.0	0.15	0...6	-0.98...5
	4.0	0.18	0...3	-0.98...2.5
T	2.0	0.10	0...10	-0.98...8
	3.0	0.15	0...8	-0.98...5
	4.0	0.18	0...4	-0.98...3

1.) Devices with FKM or FFKM diaphragm are reduced to a max. pressure of 12 bar.

2.) Pressure data: Measured as overpressure to the atmospheric pressure

Circuit function	DN	K _v value water [m ³ /h]	Pressure range ^{1.) 2.)}	
			Standard	Vacuum
			[bar]	[bar]
PP and PVDF body				
A / B / C / D / F	2.0	0.10	0...16	-0.98...10
	3.0	0.15	0...10	-0.98...6
	4.0	0.18	0...5	-0.98...3
E / T	2.0	0.10	0...10	-0.98...8
	3.0	0.15	0...6	-0.98...5
	4.0	0.18	0...3	-0.98...2.5

1.) Devices with FKM or FFKM diaphragm are reduced to a max. pressure of 12 bar.

2.) Pressure data: Measured as overpressure to the atmospheric pressure

Use in other circuit function

The compression springs installed in the valves differ depending on the circuit function. When used in other circuit functions, the permissible operating pressure changes according to the following table.

Note:

The following table applies to both the standard version and the explosion-proof version.

Circuit function	Max. operating pressure [bar] when using the valve in a new circuit function																	
	Orifice DN 2						Orifice DN 3						Orifice DN 4					
	A ^{1.)}	B ^{1.)}	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
Metal body (8 W respectively 11 W)																		
C	16	1.5	16	1.5	1.5	16	10	1	10	1	1	10	5	0.8	5	0.8	0.8	5
D	4	16	4.5	16	4	4	2.5	10	2.5	10	2	3	2	5	2	5	2	2
T	8	8	10	10	10	8	6	6	6	6	6	6	3	3	3	3	3	3
Plastic body (8 W respectively 11 W)																		
C	16	1.5	16	1.5	1.5	16	10	1	10	1	1	10	5	0.8	5	0.8	0.8	5
D	4	16	4.5	16	4	4	2.5	10	2.5	10	2	3	2	5	2	5	2	2
F	16	1.5	10	1.5	1.5	16	6	1	6	1	1	10	4	1	4	1	1	

1.) For circuit function A and B the valve must be connected acc. to the pin assignment of 3/2 way valve.

7. Product accessories

7.1. Accessory standard version

Option	Variable Code	Description
Impulse version	CF02	Bistable magnetic system with inrush and drop-off coil; continuous operation or operation with short current pulses (min. 150 ms) possible
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
Increased tightness requirements	PCxx	Standard units are tested at 10^{-2} mbar x l / sec; feasible up to 10^{-6} mbar
Electrical feedback	LF02/ 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 vacuums 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
Increased purity and tightness requirements and vacuum version	NA01	Wetted parts are specially cleaned and leak tested up to 10^{-4} mbar x l/sec and suited for vacuum up to -0.98 bar
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 included in delivery. Cable plug versions (acc. to DIN EN 175301 - 803 form A), see datasheet Type 2518 ▶ and Type 2509 ▶
Manifold with banjo bolt	LG 09	Due to the banjo bolt a direct attachment is possible (for example, to externally controlled pneumatic drives)
Approvals	PD01	CSA General Purpose valve
	PD02	UR (UL-recognized)/CSA approval
	PD07	DNV-GL (formerly Germanischer Lloyd)
	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
	PE95	UL (UL-listed) approval
	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
Possible conformities (depending on the assembly)	-	EPS 16 ATEX 1111 X / IECEx EPS 16.0049X, 2G T4 IIC / 2D T130 °C IIIC, Tamb -40 °C bis +60 °C, single and block mounting
	-	EAC; drinking water; FDA;


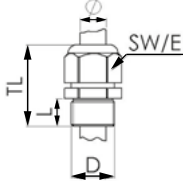

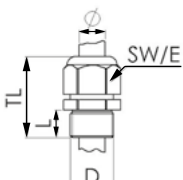
7.2. Accessory explosion-proof version

Option	Variable Code	Description
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
Increased hermetic requirements	PCxx	Standard units are tested at 10 ⁻² mbar x l / sec; feasible up to 10 ⁻⁶ mbar
Vacuum version	NA02	Suitable for vacuums up to -0.98 bar
Increased purity and hermetic requirements	NA03	Wetted parts are specially cleaned and leak tested to 10 ⁻⁴ mbar x l/sec
Increased purity and hermetic requirements and vacuum version	NA01	Wetted parts are specially cleaned and leak tested up to 10 ⁻⁴ mbar x l/ sec and suited for vacuum up to -0.98 bar
Electrical feedback	CF15	Coil with intrinsically safe proximity switches (PTB 00 ATEX 2048X) instead of manual override
Manifold with banjo bolt	LG 09	Due to the banjo bolt a direct attachment is possible (for example, to externally controlled pneumatic drives)
Potential conformities (depending on design)	-	EAC; drinking water; FDA

7.3. Cable glands for ATEX/IECEx terminal box

Note:

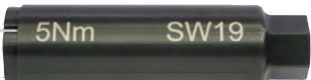
A cable gland in polyamide version is included in the delivery. A nickel-plated brass version can be ordered at a surcharge, see **“8.4. Ordering chart accessories” on page 18.**

Description	Ex approvals		Dimensions										
	Certification	Identification											
Ex cable gland, Brass, nickel-plated, 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												

7.4. Special tool to turn the terminal box

Note:


This special tool is not supplied with the valve, see **“8.4. Ordering chart accessories” on page 18.**

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

DTS 1000010928 EN Version: U Status: RL (released | freigegeben | valide) printed: 14.08.2023

8. Ordering information

8.1. Bürkert eShop – Easy ordering and quick delivery




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](#)

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.

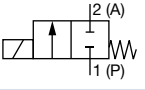
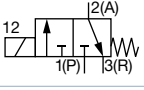
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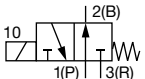
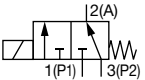
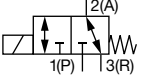
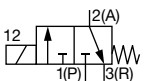
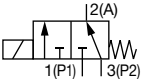
8.3. Ordering chart

Standard version

Note:

Products with reduced delivery time

Circuit function	Orifice [mm]	Body and seat material	Seal material	Article no.			
				024/DC [V/Hz]	024/50 [V/Hz]	110/50 [V/Hz]	230/50 [V/Hz]
With manual override and cable plug Type 2518							
CF A 2/2-way solenoid valve Direct-acting Normally closed 	4.0	Polypropylene	FKM	088352 ☞	–	–	020278 ☞
CF C 3/2-way solenoid valve Direct-acting Normally closed 	2.0	Brass	NBR	041183 ☞	041184 ☞	044989 ☞	041188 ☞
	2.0	Stainless steel	FKM	048354 ☞	–	–	–
	3.0	Brass	NBR	041195 ☞	041198 ☞	041203 ☞	041209 ☞
	3.0	Stainless steel	FKM	045796 ☞	–	–	–

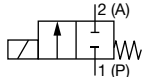
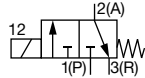
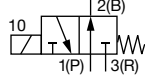
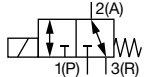
Circuit function	Orifice	Body and seat material	Seal material	Article no.			
				024/DC	024/50	110/50	230/50
	[mm]	[V/Hz]	[V/Hz]	[V/Hz]	[V/Hz]		
CF D 3/2-way solenoid valve Direct-acting Normally open 	2.0	Brass	NBR	041234 ☒	041235 ☒	041798 ☒	041242 ☒
	3.0	Brass	NBR	041247 ☒	041248 ☒	041531 ☒	041254 ☒
CF E 3/2-way mixing valve (solenoid valve) 	2.0	Brass	NBR	042061 ☒	042799 ☒	040064 ☒	041265 ☒
	3.0	Brass	NBR	042980 ☒	043104 ☒	046843 ☒	041270 ☒
	3.0	Polypropylene	EPDM	021892 ☒	-	-	-
CF T 3/2-way solenoid valve Direct-acting Flow direction optional Normally closed 	2.0	Brass	FKM	124953 ☒	124954 ☒	124955 ☒	124956 ☒
	3.0	Brass	FKM	124958 ☒	124959 ☒	124960 ☒	124961 ☒
With manual override and cable plug Type 2518 and manifold (banjo version)							
CF C 3/2-way solenoid valve Direct-acting Normally closed 	2.0	Brass	NBR	041191 ☒	-	-	041192 ☒
	3.0	Brass	NBR	041217 ☒	041219 ☒	041223 ☒	041228 ☒
	3.0	Brass	FKM	041231 ☒	-	-	041233 ☒
CF E 3/2-way mixing valve (solenoid valve) 	2.0	Brass	NBR	123092 ☒	-	-	043913 ☒

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Explosion-proof version

Note:

Other versions are available on request.

Circuit function	Orifice [mm]	Body and seat material	Seal material	Electrical connection	Article no.		
					024 / AC/DC [V/Hz]	110 / AC/DC [V/Hz]	230 bzw. 240 / AC/DC [V/Hz]
With manual override							
CF A 2/2-way solenoid valve Direct-acting Normally closed 	3.0	Stainless steel	FKM	Cable	353437	-	-
CF C 3/2-way solenoid valve Direct-acting Normally closed 	2.0	Stainless steel	NBR	Terminal box	-	-	-
	2.0	Stainless steel	FKM	Terminal box	-	-	-
	2.0	Stainless steel	NBR	Cable	353434	-	-
	3.0	Brass	NBR	Cable	353418	-	353414
	3.0	Stainless steel	FKM	Cable	353438	-	-
CF D 3/2-way solenoid valve Direct-acting Normally open 	2.0	Brass	NBR	Terminal box	-	-	-
	2.0	Brass	NBR	Cable	353450	-	353422
	2.0	Stainless steel	NBR	Cable	353431	-	-
	2.0	Stainless steel	NBR	Terminal box	-	353392	-
	3.0	Brass	NBR	Cable	353433	-	-
CF T 3/2-way solenoid valve Direct-acting Flow direction optional Normally closed 	2.0	Stainless steel	FKM	Cable	353430	-	353421
	2.0	Stainless steel	FKM	Terminal box	-	353421	353386
	2.0	Stainless steel	NBR	Cable	353428	-	353429
	2.0	Stainless steel	EPDM	Terminal box	-	-	353389
	2.0	Brass	NBR	Cable	353423	353424	353425
	2.0	Brass	NBR	Terminal box	-	-	-
	2.0	Brass	FKM	Cable	353426	-	353427
	2.0	Brass	FKM	Terminal box	-	353381	353382


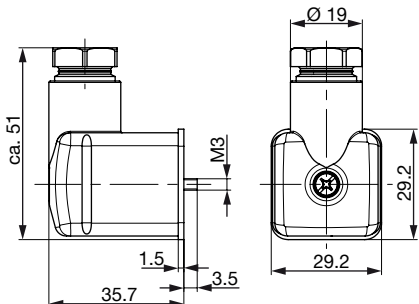




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8.4. Ordering chart accessories

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

Note:




See **Type 2518** ▶ for more versions.

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 

Cable glands for ATEX/IECEx terminal box

Note:


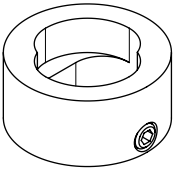
- A polyamide cable gland is included in the scope of delivery. Brass, nickel-plated, can be ordered for a surcharge.
- Refer to “**7.3. Cable glands for ATEX/IECEx terminal box**” on page 14 for more information about Ex cable glands.
- Refer to “**7.4. Special tool to turn the terminal box**” on page 14 for more information about special wrench.

Description	Article no.
Ex cable gland, brass, nickel-plated, 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

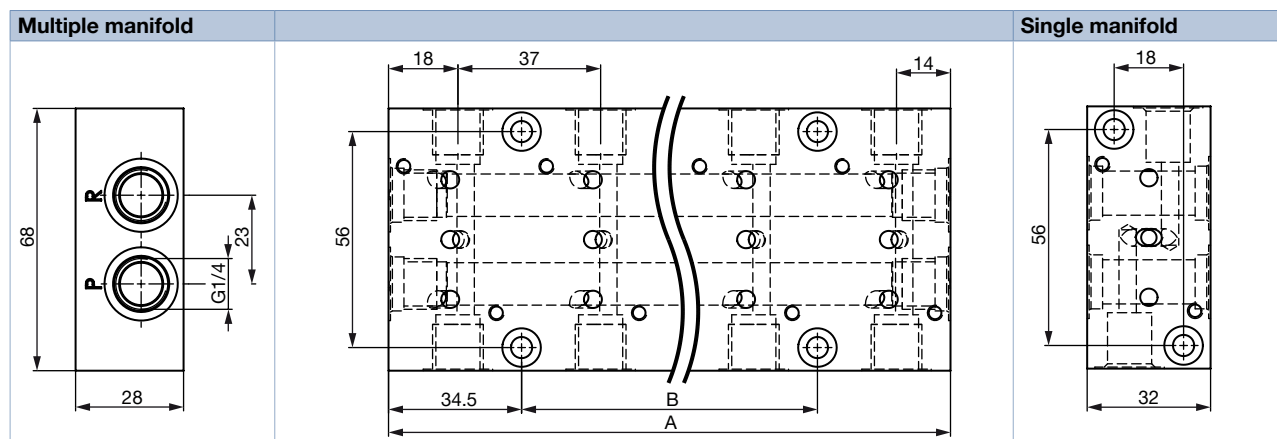
2.) Not included in the scope of delivery of the valve

Locking ring

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

Manifolds for flange valves G 1/4

Number of valve positions	Length A [mm]	Hole spacing B [mm]	Article no.		
			Aluminum anodized	Stainless steel	Brass
1	32	-	005043 ☒	on request	on request
2	69	-	005045 ☒	on request	612071 ☒
3	106	37	005366 ☒	on request	on request
4	143	74	005294 ☒	658925 ☒	006324 ☒
5	180	111	005295 ☒	on request	on request
6	217	148	005296 ☒	on request	006326 ☒
7	254	185	005403 ☒	on request	on request
8	291	222	006074 ☒	on request	-



Accessories for manifolds

Description	Material	Seal material	Article no.
Covering plate (for empty valve places)	Stainless steel	FKM	265294 ☒
Covering plate (for empty valve places)	Aluminium anodized	NBR	005625 ☒
Nipple (for connecting the collecting ducts of 2 manifolds)	Steel coated	FKM	005049 ☒
Nipple (for connecting the collecting ducts of 2 manifolds)	Stainless steel	FKM	007376 ☒
Nipple (for connecting the manifolds; connecting duct is closed)	Steel coated	NBR	006049 ☒

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