







## Direct-acting 2-way proportional valve

- Proportional valve for use in flow or pressure control loops
- Integrated shut-off function with reliably high tightness
- Excellent sensitivity and turn-down ratio
- Available as subbase or cartridge variant for simple system integration
- Protection class IP65 or IP6K9K with automotive connector

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

### Can be combined with

	<b>Type 6027</b> Direct-acting 2/2-way plunger valve	▶
	<b>Type 6030</b> Direct-acting 2/2-way direct-acting plunger valve	▶
	<b>Type 6440</b> Servo-assisted 2/2-way piston valve	▶
	<b>Type 8325</b> Pressure transmitter for general applications, 0...25 bar	▶

### Type description

The direct-acting proportional valve Type 6020 can be used as a control valve for closed-loop process control, typically for automatic setpoint control of flow or pressure values. Due to an elastomeric seat seal, the valve closes tight in the range of the nominal pressure related to the orifice size (integrated shut-off function). This valve is particularly suitable for use with gases such as hydrogen, oxygen or fuel gases. Compared to conventional proportional valves, the valve can be operated at higher supply pressures. For optimized use in fuel cell systems, cartridge and subbase (manifold) valve bodies as well as solenoids with automotive connector of protection class IP6K9K are available.

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## 1. General technical data

Product properties	
Dimensions	Further information can be found in chapter "5. Dimensions" on page 7.
<b>Material</b>	
Seal	EPDM, FKM
Body	Stainless steel 1.4404/316L
Coil	Epoxy
Tightness	$1 \times 10^{-4}$ atm cc/s
Orifice	DN 2.5...DN 8
Circuit function	A
	Further information can be found in chapter "2. Circuit functions" on page 4.
Thermal insulation class of solenoid	Epoxy coil class H
Performance data	
<b>Typical values of positioning behaviour<sup>2,3)</sup></b>	
Response sensitivity	< 1 % FS <sup>3)</sup>
Hysteresis	< 15 %
Repeat accuracy	< 1 % FS <sup>3)</sup>
Setting range	1:100
Actuating time (10...90 %)	< 25 ms
<b>Pressure</b>	
Burst pressure	3626 psi for sub-base and threaded body 1595 psi for cartridge body
Differential pressure <sup>1)</sup>	0...363 psi Further information can be found in chapter "8. Ordering information" on page 14.
Duty cycle	100 % continuous operation
Electrical data	
Operating voltage	12 V DC, 24 V DC
Power consumption	16 W (up to + 185 °F T <sub>umg</sub> ) 18 W (up to + 158 °F T <sub>umg</sub> )
Maximum coil current	24 V/16 W: 760 mA 24 V/18 W: 810 mA 12 V/16 W: 1430 mA 12 V/18 W: 1530 mA
PWM frequency <sup>4)</sup>	300...400 Hz
Medium data	
Operating medium	Neutral gases, liquids on request Optimized for hydrogen
Medium temperature	- 40 °F...+ 194 °F (with EPDM) + 14 °F...+ 194 °F (with FKM)
Viscosity	Max. 21 mm <sup>2</sup> /s (21 cSt)
Product connections	
Electrical connection	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 "Cable plug Type 2518, form A according to DIN EN 175301 - 803" on page 17.  Automotive plugs for IP6K9K coil variants: Plug KOSTAL MLK1.2, 2-pin, coding A (male) Plug TE MCON 1.2, 2-pin, coding A (male) (further plug forms on request)
Port connection	Cartridge, sub-base, G ¼, G ⅜, G ½, NPT ¼, NPT ⅜, NPT ½

**Approvals and conformities**

**Degree of protection**

Standard	IP65 with cable plug <b>Type 2518</b> ▶ NEMA 4X with cable plug <b>Type 2509</b> ▶ for stainless steel variants (further variants on request)
Automotive coil	IP6K acc. to ISO 20653:2013 IPX7 acc. to ISO 20653:2013 (submersion test acc. to ISO 16750 - 4:2010) IPX9K acc. to ISO 20653:2013 This degree of protection can only be guaranteed as long as the coil is not removed from the valve.
Explosion protection	Further information can be found in chapter <b>"3.4. Explosion protection"</b> on page 5.
North America (USA/Canada)	Further information can be found in chapter <b>"3.5. North America (USA/Canada)"</b> on page 6.

**Environment and installation**

Installation position	As required, preferably with actuator upright
Ambient temperature	- 40 °F...+ 185 °F (16 W, with EPDM) - 40 °F...+ 158 °F (18 W, with EPDM) + 14 °F...+ 185 °F (16 W, with FKM) + 14 °F...+ 158 °F (18 W, with FKM)

- 1.) Pressure data: overpressure to atmospheric pressure, depending on nominal diameter, tightness seal or nominal pressure
- 2.) Characteristic data of control behaviour depends on process conditions.
- 3.) For flow rate measurement
- 4.) PWM: pulse-width modulation

**2. Circuit functions**

Symbol	Description
	<b>Circuit function A (CF A)</b> 2/2-way solenoid proportional control valve Direct-acting Normally closed

**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 variants 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																						
  	<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> <b>ATEX:</b>                      EPS 18 ATEX 1232 X                      II 2G Ex mb IIC T4 Gb                      II 2D Ex mb IIIC T130 °C Db                 </td> <td> <b>ATEX:</b>                      EPS 16 ATEX 1072 X                      II 2G Ex mb IIC T4 Gb                      II 2D Ex mb IIIC T130 °C Db                 </td> </tr> <tr> <td> <b>IECEX:</b>                      IECEX EPS 18.0110 X                      Ex mb IIC T4 Gb                      Ex mb IIIC T130 °C Db                 </td> <td> <b>IECEX:</b>                      IECEX EPS 16.0030 X                      II 2G Ex mb IIC T4 Gb                      II 2D Ex mb IIIC T130 °C Db                 </td> </tr> <tr> <td colspan="2" style="background-color: #d9e1f2;"><b>Coil with terminal box</b></td> </tr> <tr> <td> <b>ATEX:</b>                      EPS 18 ATEX 1232 X                      II 2G Ex eb mb IIC T4 Gb                      II 2D Ex mb tb IIIC T130 °C Db                 </td> <td> <b>ATEX:</b>                      EPS 16 ATEX 1072 X                      II 2G Ex eb mb IIC T4 Gb                      II 2D Ex mb tb IIIC T130 °C Db                 </td> </tr> <tr> <td> <b>IECEX:</b>                      IECEX EPS 18.0110 X                      Ex eb mb IIC T4 Gb                      Ex mb tb IIIC T130 °C Db                 </td> <td> <b>IECEX:</b>                      IECEX EPS 16.0030 X                      II 2G Ex eb mb IIC T4 Gb                      II 2D Ex mb tb IIIC T130 °C Db                 </td> </tr> </tbody> </table> <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> <b>ATEX:</b>                      EPS 18 ATEX 1232 X                      II 2G Ex mb IIC T4 Gb                      II 2D Ex mb IIIC T130 °C Db                 </td> <td> <b>ATEX:</b>                      EPS 16 ATEX 1072 X                      II 2G Ex mb IIC T4 Gb                      II 2D Ex mb IIIC T130 °C Db                 </td> </tr> <tr> <td> <b>IECEX:</b>                      IECEX EPS 18.0110 X                      Ex mb IIC T4 Gb                      Ex mb IIIC T130 °C Db                 </td> <td> <b>IECEX:</b>                      IECEX EPS 16.0030 X                      II 2G Ex mb IIC T4 Gb                      II 2D Ex mb IIIC T130 °C Db                 </td> </tr> </tbody> </table>	Coil Type AC10	Coil Type AC19	<b>Coil with cable outlet</b>		<b>ATEX:</b> EPS 18 ATEX 1232 X II 2G Ex mb IIC T4 Gb II 2D Ex mb IIIC T130 °C Db	<b>ATEX:</b> EPS 16 ATEX 1072 X II 2G Ex mb IIC T4 Gb II 2D Ex mb IIIC T130 °C Db	<b>IECEX:</b> IECEX EPS 18.0110 X Ex mb IIC T4 Gb Ex mb IIIC T130 °C Db	<b>IECEX:</b> IECEX EPS 16.0030 X II 2G Ex mb IIC T4 Gb II 2D Ex mb IIIC T130 °C Db	<b>Coil with terminal box</b>		<b>ATEX:</b> EPS 18 ATEX 1232 X II 2G Ex eb mb IIC T4 Gb II 2D Ex mb tb IIIC T130 °C Db	<b>ATEX:</b> EPS 16 ATEX 1072 X II 2G Ex eb mb IIC T4 Gb II 2D Ex mb tb IIIC T130 °C Db	<b>IECEX:</b> IECEX EPS 18.0110 X Ex eb mb IIC T4 Gb Ex mb tb IIIC T130 °C Db	<b>IECEX:</b> IECEX EPS 16.0030 X II 2G Ex eb mb IIC T4 Gb II 2D Ex mb tb IIIC T130 °C Db	Coil Type AC10	Coil Type AC19	<b>Coil with plug contacts form A and cable plug Type 2509</b>		<b>ATEX:</b> EPS 18 ATEX 1232 X II 2G Ex mb IIC T4 Gb II 2D Ex mb IIIC T130 °C Db	<b>ATEX:</b> EPS 16 ATEX 1072 X II 2G Ex mb IIC T4 Gb II 2D Ex mb IIIC T130 °C Db	<b>IECEX:</b> IECEX EPS 18.0110 X Ex mb IIC T4 Gb Ex mb IIIC T130 °C Db	<b>IECEX:</b> IECEX EPS 16.0030 X II 2G Ex mb IIC T4 Gb II 2D Ex mb IIIC T130 °C Db
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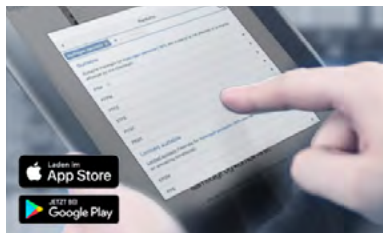
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### 3.5. North America (USA/Canada)

Approval	Description
	<p><b>Optional: UL Hazardous Locations – Explosion Protection (valid for coils)</b>                      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>

## 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](#)

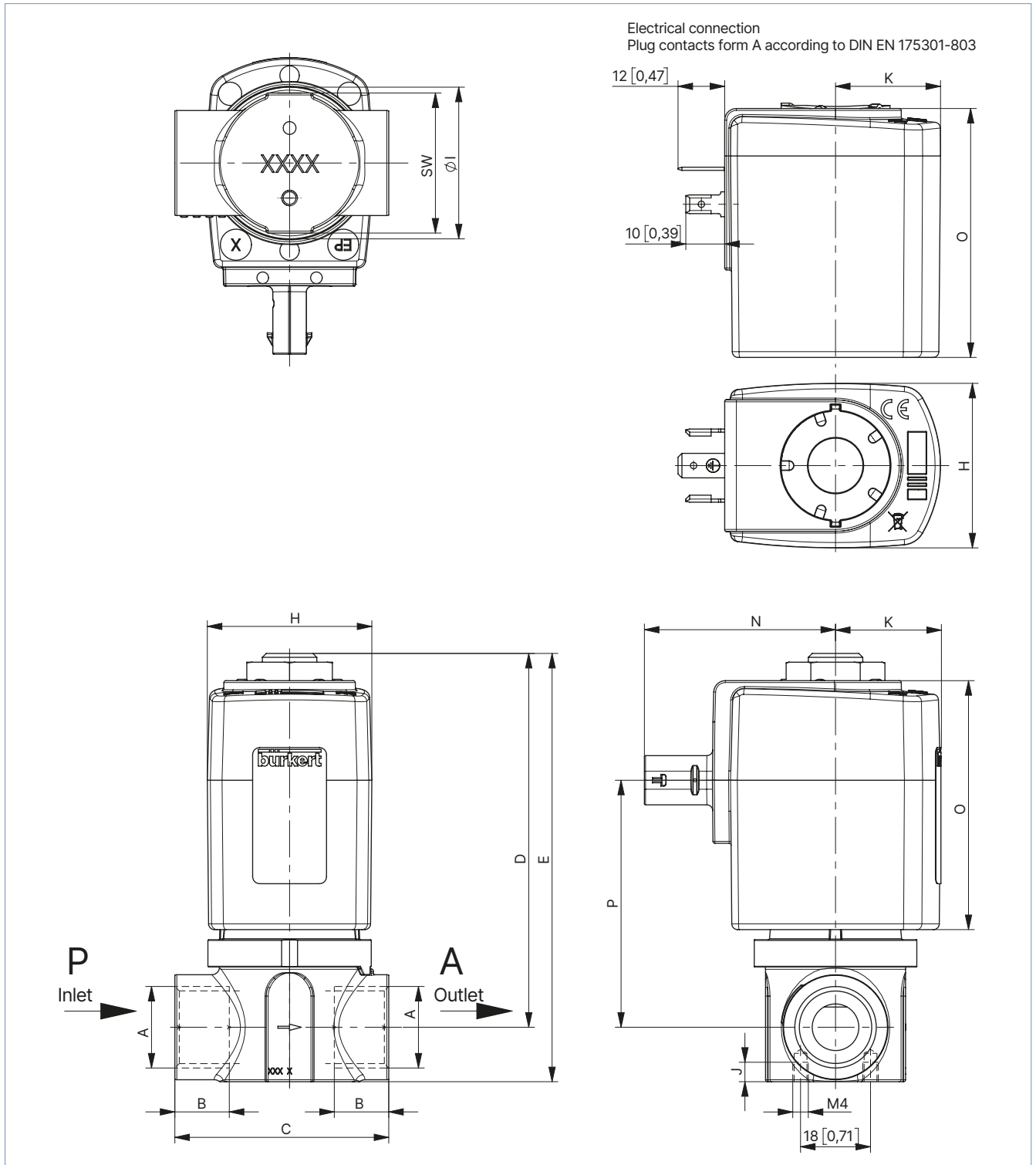
## 5. Dimensions

### 5.1. Threaded variant

#### Complete valve

**Note:**

- Dimensions in mm [inch]
- The corresponding dimensions to the letters mentioned can be found in chapter "Solenoid coil" on page 8.



A (port connection)	B		C		D		E		I		J		P		SW	
	[inch]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
G ¼	12	0.47	55	2.17	96	3.78	105	4.13	39	1.54	5	0.20	63	2.48	36	1.42
NPT ¼	10	0.39														
G ⅜	12	0.47	55	2.17	96	3.78	108	4.25	39	1.54	5	0.20	63	2.48	36	1.42
NPT ⅜	10.3	0.41														
G ½	14	0.55	55	2.17	96	3.78	110	4.33	39	1.54	5	0.20	63	2.48	36	1.42
NPT ½	13.7	0.54														

**Solenoid coil**

**Note:**

The corresponding dimensions to the letters mentioned can be found in chapter **“Complete valve” on page 7.**

Electrical connection	Coil size	H		K		N		O	
		[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]
Plug contacts form A according to DIN EN 175301-803	K	42	1.65	27	1.06	–	–	64	2.52
Plug KOSTAL MLK1.2 / TE MCON 1.2, 2-pin, coding A (male)						49	1.93		

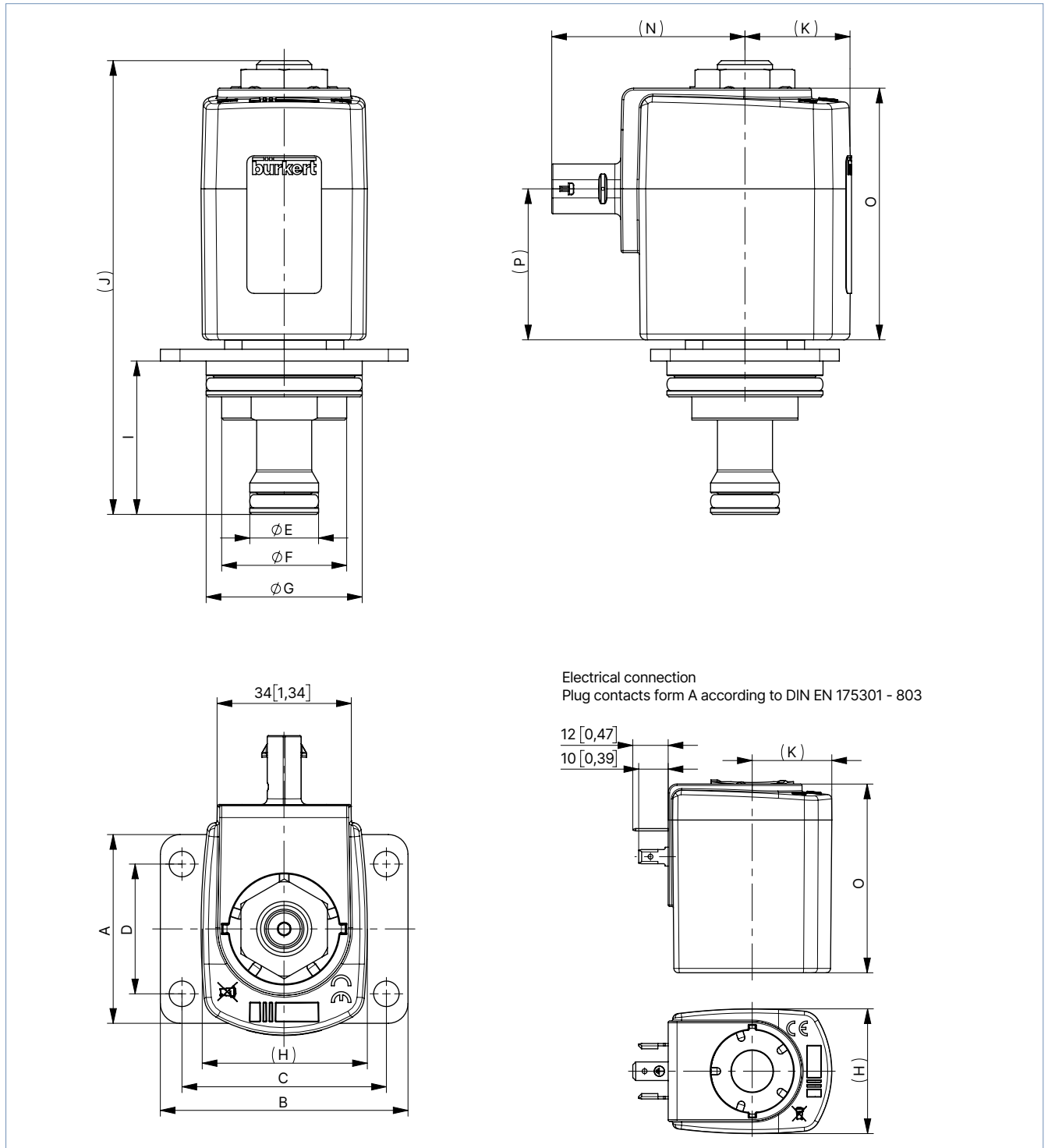
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### 5.2. Cartridge variant

#### Complete valve

**Note:**

- Dimensions in mm [inch]
- The corresponding dimensions to the letters mentioned can be found in chapter "Solenoid coil" on page 10.



Electrical connection  
 Plug contacts form A according to DIN EN 175301 - 803

DN	Port conn.	A		B		C		D		E		F		G		I		J	
		[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]
2.5...8.0	FC17	48	1.89	63	2.48	52	2.05	33	1.30	17.5	0.69	31.8	1.25	39.7	1.56	39	1.54	115	4.53

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**Solenoid coil**

**Note:**

The corresponding dimensions to the letters mentioned can be found in chapter **“Complete valve” on page 9.**

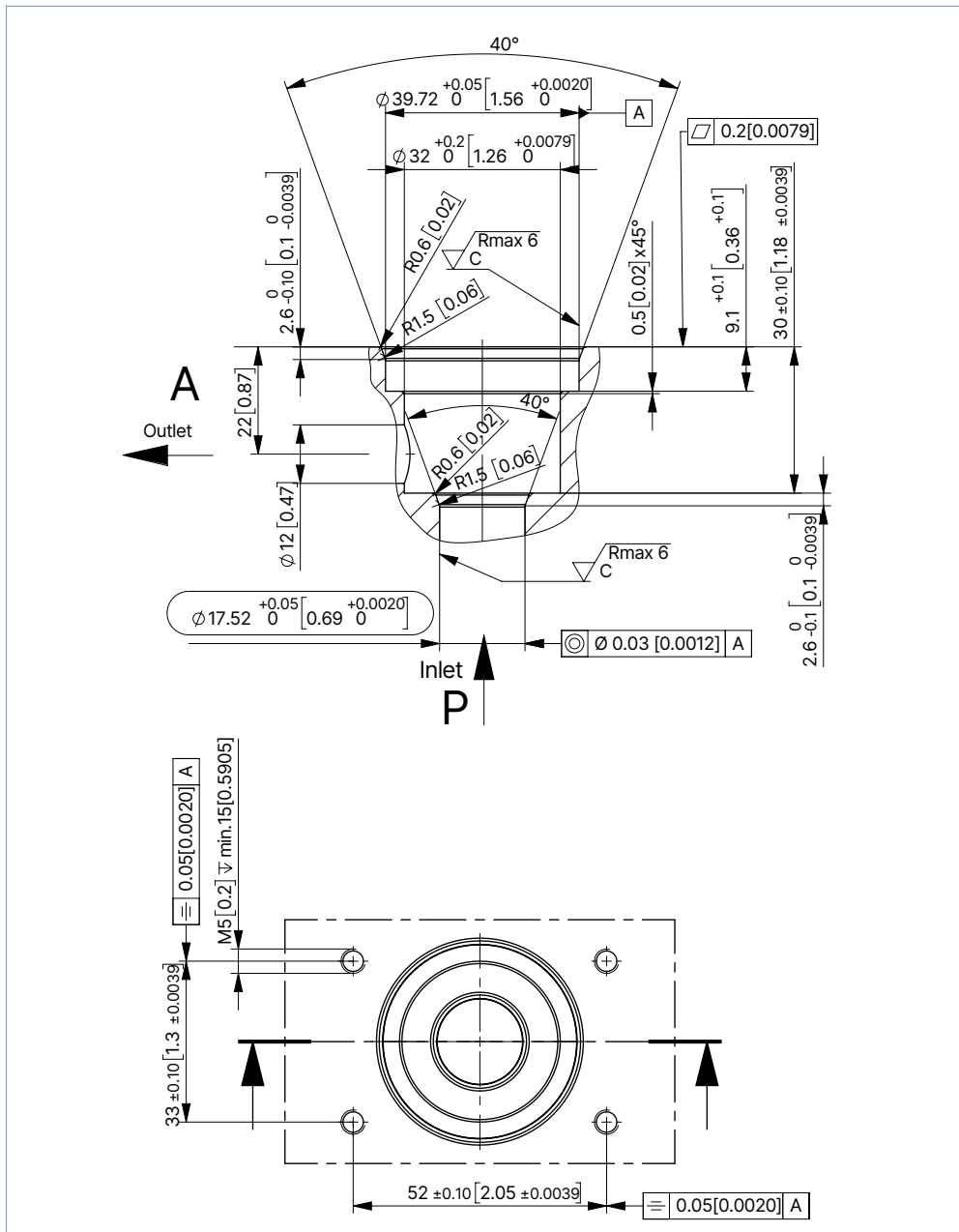
DN	Electrical connection	Coil size	(H)		(K)		(N)		O		(P)	
			[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]
2.5...8.0	Plug contacts form A according to DIN EN 175301 - 803	K	42	1.65	27	1.06	–	–	64	2.52	38	1.50
	Plug KOSTAL MLK1.2 / TE MCON 1.2, 2-pin, coding A (male)						49	1.93				

**Cartridge connection diagram**

**Note:**

Dimensions in mm [in]

**Connection contour FC17, coil size K (AC19)**



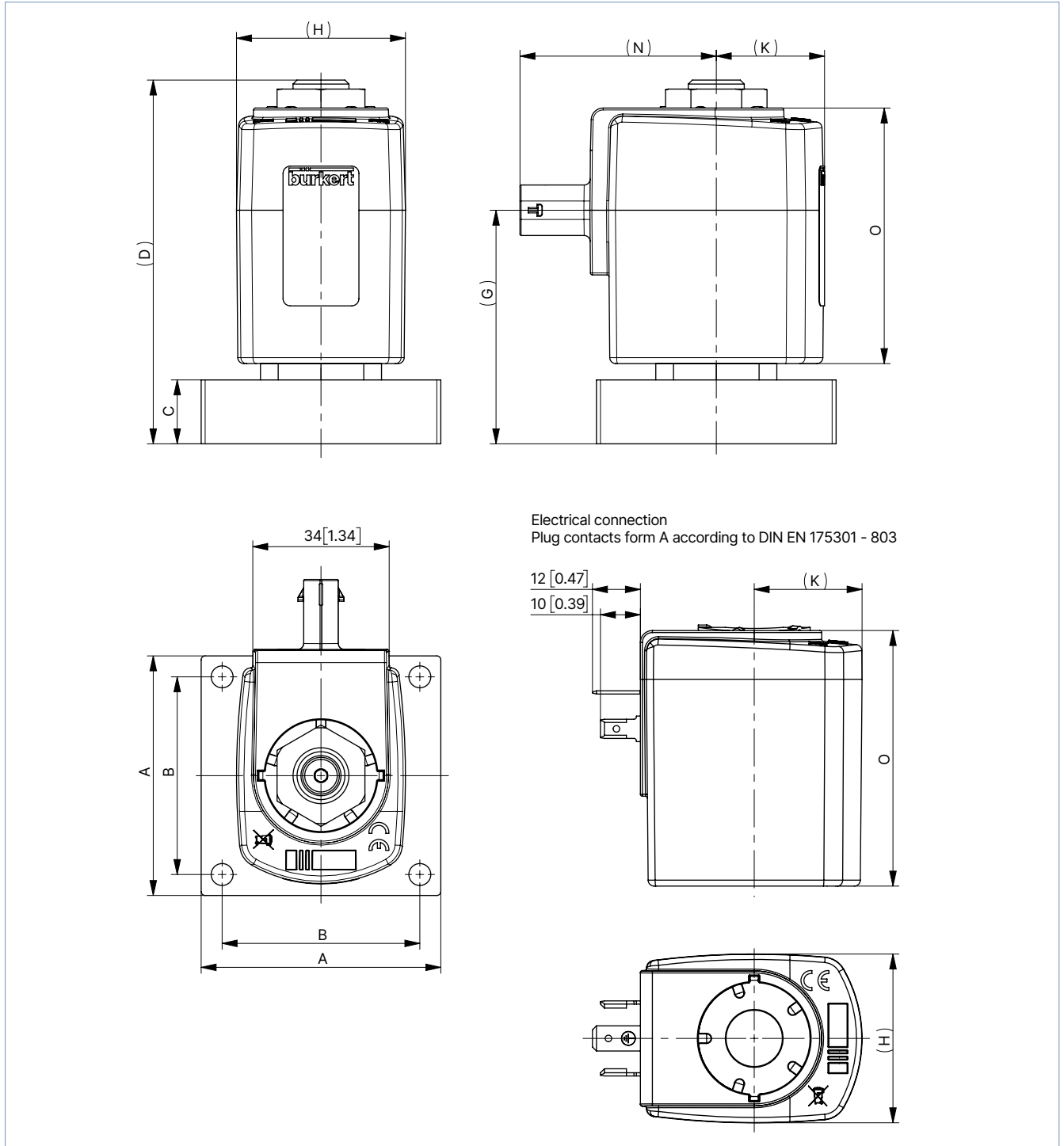
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5.3. Sub-base variant

Complete valve

Note:

- Dimensions in mm [inch]
- The corresponding dimensions to the letters mentioned can be found in chapter "Solenoid coil" on page 12.



DN	Port connection	A		B		C		D		G	
		[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]
2.5 / 3.0 / 4.0	FK15	60	2.36	49.5	1.95	16	0.63	91	3.58	58	2.28

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## 6. Performance specifications

### 6.1. Flow characteristics

#### Determination of the $K_v$ value

Pressure drop	$K_v$ value for liquids [m <sup>3</sup> /h]	$K_v$ value for gases [m <sup>3</sup> /h]
<b>Sub-critical</b> $p_2 > \frac{p_1}{2}$	$= Q \sqrt{\frac{\rho}{1000 \Delta p}}$	$= \frac{Q_N}{514} \sqrt{\frac{T_1 \rho_N}{p_2 \Delta p}}$
<b>Supercritical</b> $p_2 < \frac{p_1}{2}$	$= Q \sqrt{\frac{\rho}{1000 \Delta p}}$	$= \frac{Q_N}{257 p_1} \sqrt{T_1 \rho_N}$

Value	Description	Unit
$K_v$	Flow coefficient	[m <sup>3</sup> /h] <sup>1.)</sup>
$Q_N$	Standard flow rate	[m <sup>3</sup> /h] <sup>2.)</sup>
$p_1$	Inlet pressure	[bar] <sup>3.)</sup>
$p_2$	Outlet pressure	[bar] <sup>3.)</sup>
$\Delta p$	Differential pressure $p_1 \dots p_2$	[bar]
$\rho$	Density	[kg/m <sup>3</sup> ]
$\rho_N$	Standard density	[kg/m <sup>3</sup> ]
$T_1$	Medium temperature	[(273+t)K]

1.) Measured for water,  $\Delta p = 1$  bar, over the value

2.) At reference conditions 1.013 bar and 0 °C (273 K)

3.) Absolute pressure

### 6.2. Exemplary characteristic curve of a proportional valve

#### Note:

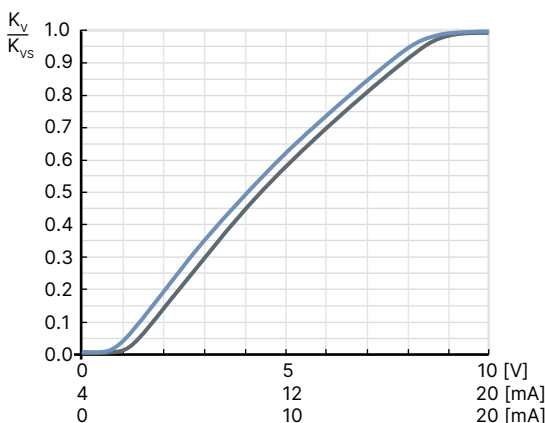
The dimensioning of the nominal diameter is very important for proportional valves to function properly within the application. The nominal diameter must be selected so that, on the one hand, the desired flow range is achieved and, on the other hand, when the valve is fully open, a sufficient portion of the total pressure drop occurs across the valve.

Reference value:  $\Delta p_{\text{valve}} > 25\%$  of the total pressure drop

Otherwise, an ideal, linear valve characteristic is deformed into a curved system characteristic.

If the differential pressure (difference between inlet and outlet pressure) exceeds half the value of the nominal pressure discontinuities may occur.

For that reason take advantage of Bürkert competent engineering services during the planning phase.



The diagram shows the  $K_v$  value of the proportional valve as a function of an analog signal as an input variable for a PWM control unit. The analog signal represents as the PWM duty cycle or a resulting coil current.

## 7. Product operation

### 7.1. Control unit

The control takes place via a PWM signal (pulse-width modulation). The pulse duty factor of the PWM signal determines the coil current and thus the position of the actuating armature.

## 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.

[Order online now](#)

### 8.2. Recommendation regarding product selection

**Note:**

- Use the product enquiry form (see “8.4. Bürkert Product Enquiry Form” on page 14) for information about the device layout and send it to us after completion.
- Please note the chapter “6.2. Exemplary characteristic curve of a proportional valve” on page 13 on product selection.

### 8.3. Bürkert product filter

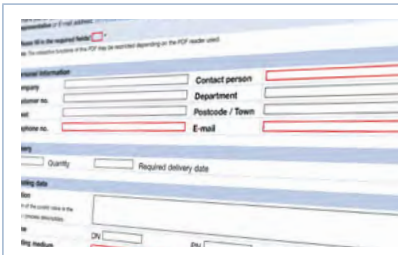


#### Bürkert product filter – Get quickly to the right product

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

[Try out our product filter](#)

### 8.4. 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](#)

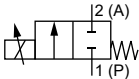














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## 8.5. Ordering chart

### Stationary applications with plug form A according to DIN EN 175301 - 803 (IP65 coil)

#### Note:

- Please note that the cable plug **Type 2518** is included. For details see "[Cable plug Type 2518, form A according to DIN EN 175301 - 803](#)" on page 17.
- Further variants with alternative voltages, G or RC internal threads are possible on request.
- Please note: If a specific orifice size is required for a significantly lower pressure range (MAWP) than in the table below, a specific valve setting is recommended for more efficient operation after consultation with your Bürkert contact.

Circuit function	Port connection	Orifice	C <sub>vs</sub> value water	Pressure range (MAWP <sup>1)</sup> )		Article no.	
				Ambient temperature + 158 °F (18 W)	Ambient temperature + 185 °F (16 W)		
		[mm]	[gal/min]	[psi]	[psi]	[V/Hz]	
<b>Stainless steel body, seal material EPDM/EPDM<sup>2)</sup></b>							
<b>CF A</b> 2/2-way solenoid proportional control valve Direct-acting Normally closed 	<b>Threaded body with G thread</b>						
	G 1/4	3.0	0.30	261	–	o. r.	
				–	232	o. r.	
		4.0	0.46	116	–	o. r.	
				–	102	o. r.	
		5.0	0.75	73	–	o. r.	
				–	58	o. r.	
	G 1/2	6.0	0.98	51	–	20053331 	
				–	44	o. r.	
		8.0	1.45	29	–	o. r.	
				–	25	20054816 	
		<b>Cartridge body</b>					
		FC17	2.5	0.22	–	363 <sup>3)</sup>	o. r.
	–				290 <sup>3)</sup>	20073362 	
	–				232 <sup>3)</sup>	o. r.	
	3.0		0.30	–	319 <sup>3)</sup>	o. r.	
				–	261 <sup>3)</sup>	20058840 	
				–	203 <sup>3)</sup>	o. r.	
	4.0		0.58	174	–	20096222 	
				–	145 <sup>3)</sup>	20092343 	
				–	102 <sup>3)</sup>	20078802 	
	5.0		0.75	116	–	20109540 	
				–	102	20052178 	
				–	–	o. r.	
	6.0		0.98	73	–	o. r.	
				–	65	o. r.	
				–	–	20098339 	
6.5	1.21	58	–	o. r.			
		–	51	o. r.			
		–	–	20107680 			
8.0	1.45	33	–	o. r.			
		–	29	o. r.			
		<b>Sub-base body</b>					
FK15	2.5	0.22	–	363 <sup>3)</sup>	o. r.		
			–	290 <sup>3)</sup>	o. r.		
			–	232 <sup>3)</sup>	o. r.		
	3.0	0.30	–	319 <sup>3)</sup>	20080119 		
			–	261 <sup>3)</sup>	20078619 		
			–	203 <sup>3)</sup>	o. r.		
	3.5	0.37	232	–	o. r.		
			–	203 <sup>3)</sup>	20059610 		
			–	145 <sup>3)</sup>	o. r.		

o. r. = on request

1.) Maximum allowable working pressure

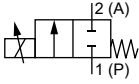
2.) An O-ring made of low-temperature FKM (down to -40 °C) is used to seal the adjusting screw.

3.) Different pressure ranges require individual settings to optimise control characteristic. It is recommended to select the article with the next higher maximum pressure. For a significantly lower pressure range (MAWP), we recommend consulting your Bürkert contact.

**Mobile applications with automotive plug (IP6K9K coil)**

**Note:**

- Further variants with alternative voltages, G or RC internal threads are possible on request.
- Please note: If a specific orifice size is required for a significantly lower pressure range (MAWP) than in the table below, a specific valve setting is recommended for more efficient operation after consultation with your Bürkert contact.

Circuit function	Port connection	Orifice	C <sub>vs</sub> value water	Pressure range (MAWP <sup>1)</sup> )	Article no.			
				Ambient temperature + 185 °F (16 W)	012/DC	024/DC		
		[mm]	[gal/min]	[psi]	[V/Hz]	[V/Hz]		
<b>Stainless steel body, seal material EPDM/EPDM<sup>2)</sup></b>								
<b>CF A</b> 2/2-way solenoid proportional control valve Direct-acting Normally closed 	<b>Threaded body with G thread</b>							
	G ¼	3.0	0.30	232	20091227	o. r.		
		4.0	0.46	102	o. r.	o. r.		
		5.0	0.75	58	o. r.	o. r.		
	G ½	6.0	0.98	44	o. r.	20082554		
		8.0	1.45	25	o. r.	o. r.		
	<b>Cartridge body</b>							
	FC17	2.5			363 <sup>3)</sup>	o. r.	o. r.	
					290 <sup>3)</sup>	o. r.	o. r.	
					232 <sup>3)</sup>	20058843	20057565	
		3.0				319 <sup>3)</sup>	o. r.	20078140
						261 <sup>3)</sup>	20060413	20058844
						203 <sup>3)</sup>	o. r.	o. r.
		4.0				145	o. r.	20071765
						102	o. r.	o. r.
		5.0				102	o. r.	20080956
						6.0	0.98	65
		6.5				51	o. r.	o. r.
						8.0	1.45	29
	<b>Sub-base body</b>							
	FK15	2.5			363 <sup>3)</sup>	o. r.	o. r.	
					290 <sup>3)</sup>	o. r.	20104474	
					232 <sup>3)</sup>	o. r.	o. r.	
		3.0				319 <sup>3)</sup>	o. r.	o. r.
						261 <sup>3)</sup>	20091377	20057587
203 <sup>3)</sup>						o. r.	20077260	
3.5					203 <sup>3)</sup>	20076401	20099240	
					145 <sup>3)</sup>	o. r.	o. r.	

o. r. = on request

1.) Maximum allowable working pressure

2.) An O-ring made of low-temperature FKM (down to -40 °C) is used to seal the adjusting screw.

3.) Different pressure ranges require individual settings to optimise control characteristic. It is recommended to select the article with the next higher maximum pressure. For a significantly lower pressure range (MAWP), we recommend consulting your Bürkert contact.


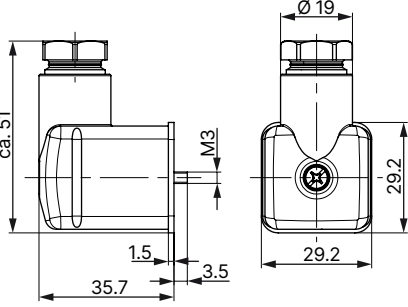
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### 8.6. Ordering chart accessories

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

**Note:**

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

Cable plug	Dimensions	Variant	Voltage	Article no.
		Without wiring (AC/DC)	0...250 V AC/DC	314802 𐀀

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