



2/2 Stainless Steel 1/8" - 1/2" Solenoid Valve 0-15Bar

- Economically Priced
- Size 1/8" - 1/2"
- Normally Closed Function
- Media : Air, Water, Gas & Light Oil
- CF8M 316 Body, Seal Options
- Supplied with Plug Connector on WPA3C Coil & Flying Lead on WPA3C

Description

The SV5220 is a very reliable Direct Acting Stainless steel solenoid valve, specifically designed for pressures up to 15 Bar. Used on many applications with media such as, air, water, natural gas, light oils and slightly contaminated or aggressive fluids. Offered in 1/8" up to 1/2" screwed BSP with the option of NPT. The valve has options for various seals. The valve should be mounted with the coil in the upright position and opening / closing time 20 milli second. Maximum media viscosity is 50 centistokes. Options are available for ATEX Coils to be fitted.

- **Media: Air, water, light oil, gas,**
- Pressure range: 0 to 15 bar max
- Media temperature: 180°C max (see seals)
- Ambient temperature: -10° to +50°C max
- Media viscosity: 50 centistokes max
- Mounting: Coil Upright
- Opening Closing time: 20 m Sec max
- Body: 316 Stainless steel (CF8M)
- Seal : NBR, EPDM, FKM, PTFE



Description

Direct acting stainless steel (CF8M) solenoid valve. Suitable for pressures up to 15 bar. Used with media such as compressed air, water, light oils and gas. IP65 protected when connector fitted, Flying lead for WPA3C High power coil. PTFE seals with stainless-steel internals.



Beschreibung

Direktgesteuertes Magnetventil aus Edelstahl (CF8M). Geeignet für Drücke bis 15 bar. Einsatz bei Medien wie Druckluft, Wasser, Leichtöle und Gas. IP65-geschützt bei montiertem Stecker, offenes Kabel für WPA3C-Hochleistungsspule. PTFE-Dichtungen mit Innenteilen aus Edelstahl.



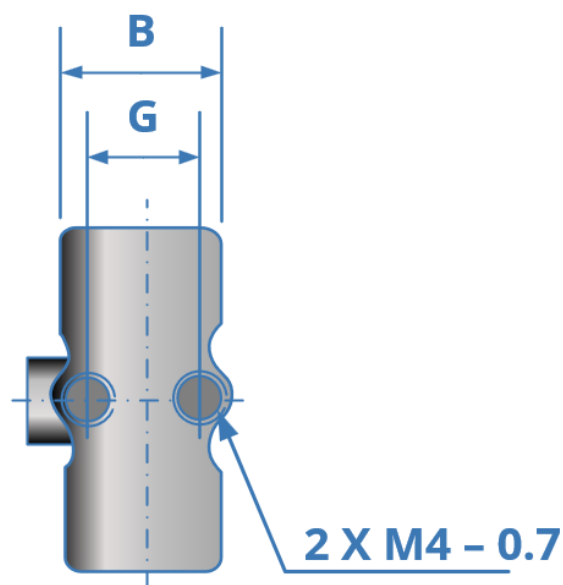
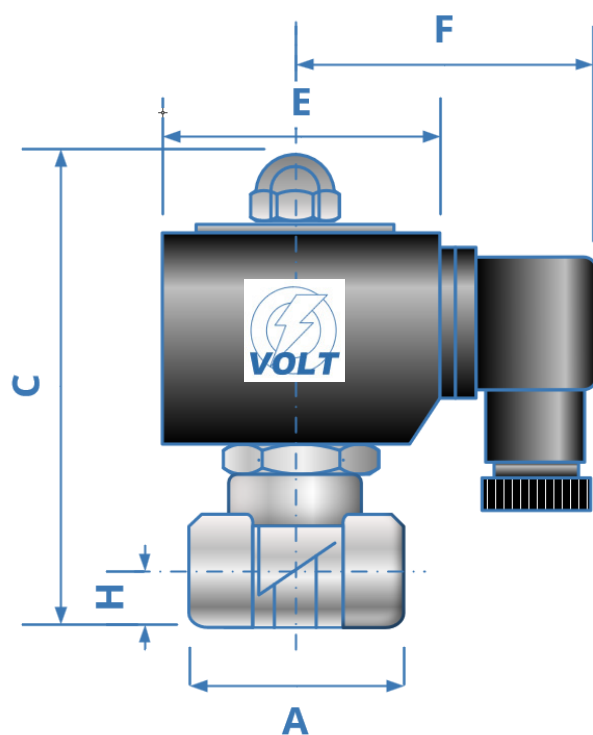
Descripción

Electroválvula de acción directa de acero inoxidable (CF8M). Adecuado para presiones de hasta 15 bar. Se utiliza con medios como aire comprimido, agua, aceites ligeros y gas. Protección IP65 cuando el conector está instalado, cable volador para bobina de alta potencia WPA3C. Sellos de PTFE con internos de acero inoxidable.



Description

Électrovanne à action directe en acier inoxydable (CF8M). Convient pour des pressions jusqu'à 15 bars. Utilisé avec des fluides tels que l'air comprimé, l'eau, les huiles légères et le gaz. Protection IP65 lorsque le connecteur est installé, fil volant pour bobine haute puissance WPA3C. Joints en PTFE avec pièces internes en acier inoxydable.



Specifications							Dimensions						
Port	Orifice	Coil	Pressure Rating (Bar)										
			Kv Ltr/min	Min	Max AC	Max DC		A	B	C	F	G	H
1/8"	3	WPG1	3.7	0	10	7	0.47	41	19	89	63	15	10.5
	4		8.3	0	7	5							
	5		9.2	0	5	3.5							
1/4"	3		3.7	0	10	7							
	4		8.3	0	7	5							
	5		9.2	0	5	3.5							
3/8"	4	WPG2	3.7	0	10	7	0.73	50	25	90	65	15	11.7
	6		11.3	0	5	3.5							
	8		13.9	0	2	1.4							
	4	WPA3C	3.7	0	15	10							
	6		11.3	0	7	5							
	8		13.9	0	3	2							
1/2"	6	WPG2	11.3	0	5	3.5	0.78	55	27	91	65	17	13
	8		13.9	0	2	1.4							
	6	WPA3C	11.3	0	7	5							
	8		13.9	0	3	2							

Construction	
Body	316 St. St. (CF8M)
Tube & Internal Parts	AISI 304 Stainless Steel
Armature	430F Stainless Steel
Shading Ring	Copper (SILVER Option)
Seals and gaskets	PTFE (other available)
Moulded Coil	Resin

SEAL MATERIAL	
100°C	NBR
120°C	EPDM
	FKM
185°C	PTFE

- Direct Acting
- 0-10 Bar
- Normally Closed
- Good for Air and Liquids
- Supplied with plug
- Various Voltages

Electrical Data

Electrical Data						
Voltage (±10%) Continuous duty 100%	Coil	Power Consumption		Insulation Class	Electrical Connections	Enclosure
		Inrush	Hold			
24-48-110-230 (50 or 60 Hz)	WPG1	11.2 VA	8.2 VA	H 180°C	3 Pins DIN 43650A DIN 40050 VDE 0110	IP65 with connector
12-24-48 (DC)		12 Watts				
24-48-110-230 (50 or 60 Hz)	WPG2	18.7 VA	15.3 VA			
12-24-48 (DC)		18 Watts				
24-48-110-230 (50 or 60 Hz)	WPA3C	37.5VA	27.5VA	N200°C	30 cm Flying Lead	IP54
12-24-48 (DC)		22.6 Watts				

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Armature	430F Stainless Steel
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SEAL MATERIAL

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120°C	EPDM
	FKM
185°C	PTFE

OPTIONS

IP67 UK (EN60529;1991+ A1 2000) UL+ CSA Approved coil and IP65 LED Connector PG11 – DIN 43650 A
(Except WPA3C coil IP54)Coil:

ATEX EExmIIT4 II 2G & 2D IP65 T130°C (WPG1 Pressure same, WPG2 70% of DC rating, WPA3C not available)

* PTFE, VST, Neoprene, ECO, HNBR or Hypalon Seals

Silver shading ring (Ad xx S)

Manual Over Ride AD8 – AD10

NPT Thread

Other custom made options available upon request