2/2-way small solenoid valve, normally open

Direct acting; 0 to 12 bar; DN 2 to 6 mm; G 1/8 and G 1/4

Type 0211B

TECHNICAL SPECIFICATIONS

Housing material	Brass
Sealing material	NBR (FPM on request)
media	neutral media like Compressed air, town gas, Water, hydraulic oil, Oils and fats without additives
Media temperature	- 10 to +90 ° C.
Ambient temp.	+ 55 ° C.
max.viscosity	approx. 21 mm²/s
Line connection	G 1/8 and G 1/4 (NPT on request)

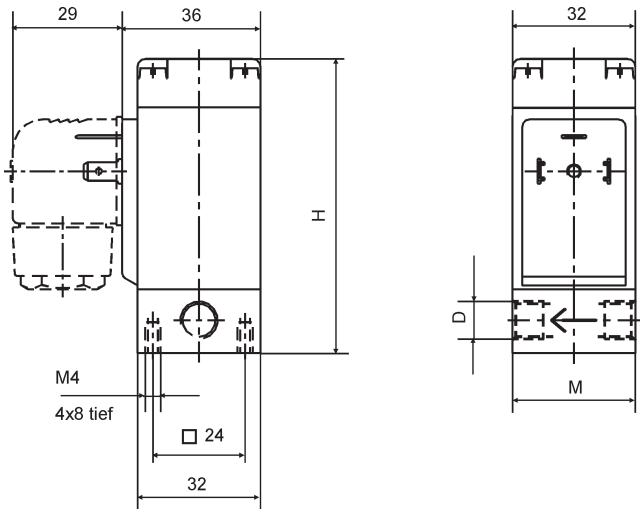
Operating voltages	24 V DC 24/110 V 50 - 60 Hz 220-230V 50-60 Hz 240 V 50 - 60 Hz
Voltage tolerance	±10%
Switching frequency	approx. 1000 rpm
Nominal operating mode	Continuous operation ED 100%
Electrical connection	Device socket for Cable Ø 7 mm (included)
Protection class	IP65 with Device socket
Mounting position	any, preferably Drive up
Dimensions	0.30 kg for G 1/8 0.38 kg for G 1/4

Flow: Kv value water [m³/H]
Measurement at +20 ° C, 1 bar pressure
at the valve inlet and free outlet
Pressure specifications [bar]
Overpressure to atmospheric pressure

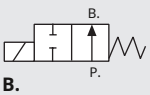
Switching times [ms]
Measurement at the valve outlet at 6 bar and +20 ° C
Open pressure build-up 0 to 90%
Close pressure reduction 100 to 10%

Nominal expanse [mm]	Kv value water [m³/H]	Line connection	Pressure-area [bar]	Coil power men's suit AC [VA]	DC [W]	operation AC [VA / W]	DC [W]	Switching times Open [ms]	close [ms]
2.0	0.12	G 1/8	0-12	21	8th	12/8	8th	approx. 30	approx. 20
3.0	0.23	G 1/8, G 1/4	0-6						
4.0	0.32	G 1/4	0-3						
6.0	0.70	G 1/4	0-1.5						

DIMENSIONS [mm]



D.	H	M.
G 1/8	76	32
G 1/4	82	46



B.

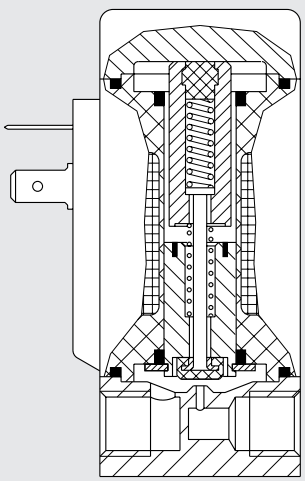
HOW IT WORKS

B. 2/2-way straight-way valve, direct-acting, normally open

DESCRIPTION

Type 0211B is a direct-acting plunger valve. The valve is opened without current by spring force, ie if the control signal fails, the full operating pressure is available at the working connection (negator behavior). When switching on, the core with the spindle is moved downwards against the spring force and the valve closes.

The compact universal valve is suitable for blocking, dosing, filling and venting, preferably with smaller flow rates.



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Fluid Control Systems

2/2-way small solenoid valve, normally open

Direct acting; 0 to 12 bar; DN 2 to 6 mm; G 1/8 and G 1/4

ORDER TABLES VALVES (other versions on request)

All valves with brass housing and with device socket

Effective way	Nominal size [mm]	Line connection	Kv value water [m³/H]	Pressure-area [bar]	Sealing material	Tension/ frequency [V / Hz]	Order no.
B.	2	G 1/8	0.12	0 - 12	NBR	24 DC	**059 716**
						24 / 50-60	**059 717**
						110 / 50-60	**024 352**
						230 / 50-60	**069 017**
						240 / 50-60	**018 383**
B.	3	G 1/8	0.23	0 - 6	NBR	24 DC	**059 932**
						42 / 50-60	**018 573**
		G 1/4	0.23	0 - 6	NBR	24 DC	**019 595**
						24 / 50-60	**019 784**
						110 / 50-60	**019 717**
						230 / 50-60	**061 284**
						240 / 50-60	**061 311**
B.	4th	G 1/4	0.32	0-3	NBR	24 DC	**061 896**
						24 / 50-60	**024 353**
						110 / 50-60	**020 222**
						230 / 50-60	**061 971**
						240 / 50-60	**024 354**
B.	6th	G 1/4	0.70	0 - 1.5	NBR	24 DC	**018 903**
						24 / 50-60	**018 589**
						110 / 50-60	**022 194**
						230 / 50-60	**088 635**
						240 / 50-60	**018 837**

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