



Ref: **4519**

5-ways solenoid valve



Features

- Designed in accordance with the NAMUR VDI/VDE 3845 standard.
- 5-way / 2-position operation.
- Power supply and outlet connections with 1/4" GAS threads.
- Monostable version.
- Manual override device.
- Accessories included:
 - a. Pg.-9 DIN 43650 "B" connector with indicator light.
 - b. O-ring and fixing screws.



Materials

- Body made from UNI 3717 (ASTM B 240) alloy, anodised
- Spool and piston made from UNI 6362 (ASTM B 241 – 6063) alloy
- NBR rubber seal
- Spring made of stainless steel
- Other components made from technopolymer

Technical Specifications

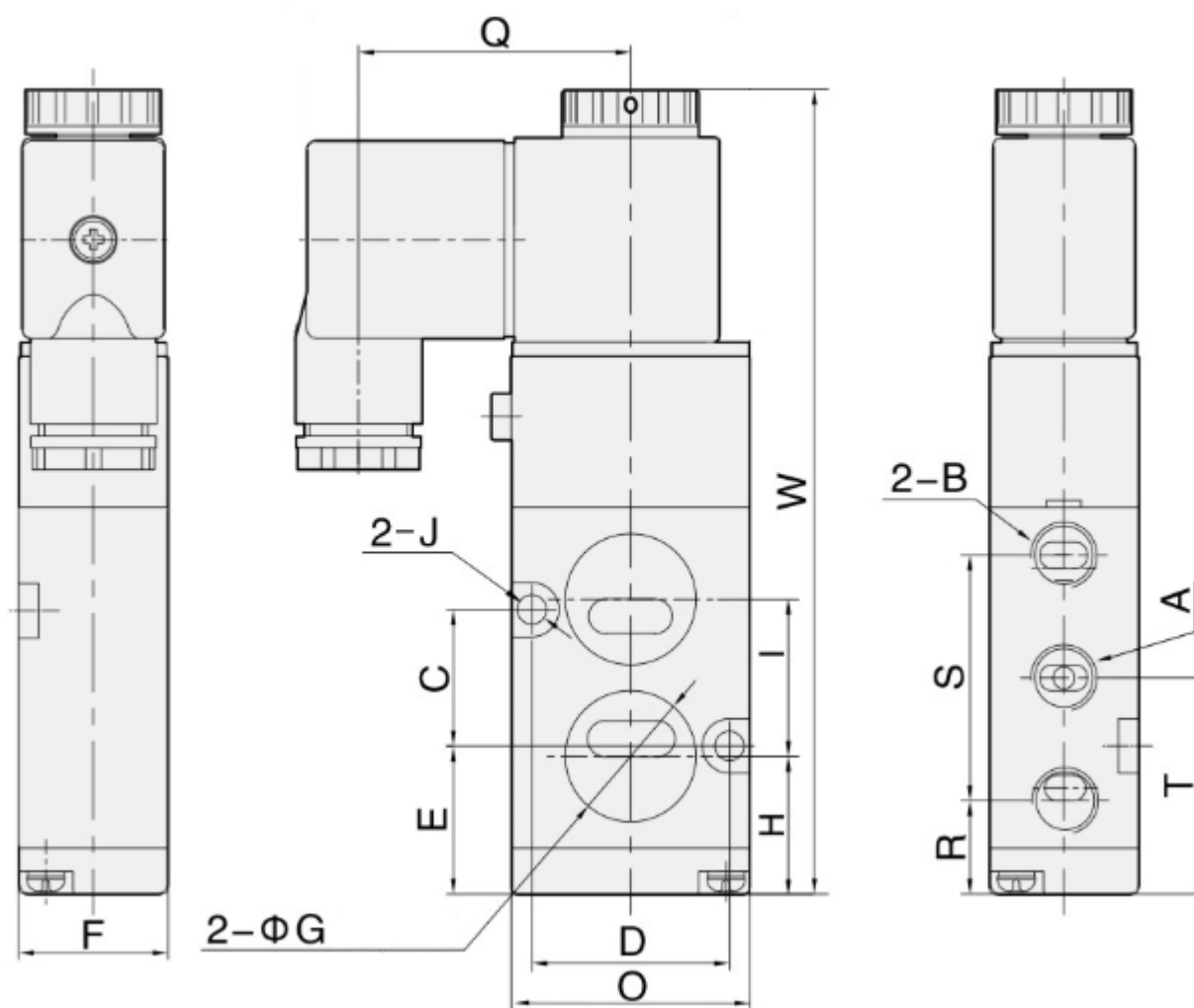
Standard voltages =
 AC = 24 – 48 – 110 – 220 V 50/60 Hz.
 DC = 12–24 V
 • Replacement coils (item no. 4819) and connector (item no. 4801 05) are available.
 Voltage tolerance = -15 % +10%
 Insulation class = "F" (nylon coil)
 Duty cycle = 100%
 Degree of protection = IP65 in accordance with IEC 144, DIN 40050 and EN 60529, with the connector and seal fitted.
 Working pressure = min. 1.5 bar – max. 8 bar
 Maximum pressure = 12 bar
 Connector = DIN 43650 "B" with LED power-on indicator Pg -09
 Cv factor = 1.4
 Maximum operating frequency = 300/1'
 Activation time: < 0.05 s.
 Operating temperature: -5°C to +60°C
 Weight = 300 g

Technical Specifications

Voltage	Type of current	Frequency (Hz)	Consumption	Power
24 V	AC	50	210 mA	5.0 VA
24 V	AC	60	175 mA	4.2 VA
48 V	AC	50	105 mA	5.0 VA
48 V	AC	60	87.5 mA	4.2 VA
110 V	AC	50	45 mA	5.0 VA
110 V	AC	60	37.5 mA	4.2 VA
220 V	AC	50	18 mA	4.0 VA
220 V	AC	60	15 mA	3.4 VA
12 V	DC	—	400 mA	4.8 W
24 V	DC	—	125 mA	3 W

GENERAL DIMENSIONS

Ref.	A	B	C	D	E	F	G	H	I	J	O	Q	R	S	T	W
4519 02	G 1/4"	G 1/4"	24	32	28	27	19.5	28	24	5.2	40	40.5	17.5	45	40	135



CONNECTION DIAGRAM

