

2/2-solenoid valve,NC,dir. oper.,230-240V,50-60Hz,G1/4,PN0-5bar - Riegler 102889

Item no. RGL-102889

Manufacturer Riegler

EAN 4047322158770

2/2-solenoid valve,NC,dir. oper.,230-240V,50-60Hz,G1/4,PN0-5bar

TECHNICAL DATA

Betriebsdruck max [bar]	5.000000
Country of Manufacture	Italy
Function	normally closed (NC)
Housing material	Brass
Material	Brass
Nominal size DN [mm]	4,5
Operating voltage	230 V AC
Pneumatic connection	G1/4
Protection rating	IP65
Seal material	FKM
Thread	G 1/4
Weight	0.34 kg
Zolltarifnummer	84818099



STANDARDS & COMPLIANCE

ISO 4400 ISO 228-1 ISO 7-1

DESCRIPTION

2/2-way solenoid valve brass, NC, dir. operated, 230 - 240V, 50 - 60Hz, 16VA, Medium temp. -10°C to 140°C, FKM, G 1/4, PN 0 - 5bar Economy series available in three different versions - Directly operated - Combined operation - Pilot-operated For all applications with compressed air, neutral gases or low-viscosity, neutral media.

TECHNICAL DATA

Min. operating pressure	0 bar
Max. operating pressure	5 bar
Protection IP	IP 65 (with connector socket fitted)
Electrical connection	for connector socket PG 9/PG 11 acc. to ISO 4400
Housing	brass
Valve seat	brass
Internal parts	stainless steel
Sealant	FKM
Min. ambient temperature	-10 °C

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Max. ambient temperature	80 °C
Min. medium temperature	-10 °C
Max. medium temperature	140 °C
Thread	G 1/4
Type	2
Function	normally closed (NC)
DN	4.5 mm
A	54.0 mm
B	40.0 mm
Voltage	230 V AC

STANDARDS AND ORIGIN

- Customs tariff number: 84818099
- Country of origin: IT

ABOUT SOLENOID VALVES

Solenoid valves switch a media flow electrically, with no manual intervention at the line. The range covers nominal sizes from DN 1 to DN 66 and operating pressures up to 50 bar, with ports from G 1/8 to G 2. Some versions work from -1 bar upwards, which makes them suitable for vacuum duty.

WHAT MATTERS WHEN CHOOSING

- Function: normally closed (NC), normally open (NO) or any flow direction (BEL). What matters is the state the plant should assume when power is lost.
- Voltage: 12 V DC, 24 V DC, 24 V AC, 110 V AC and 230 V AC, plus 24 V AC/DC and 230 V AC/DC versions. Follow whatever the existing control system supplies.
- Sealing material NBR, FKM, FPM, EPDM, PTFE or FFKM: match the elastomer to the medium and to the media temperature, which runs between -30 and 160 °C depending on version.
- Body material: brass, aluminium, polyamide, glass-fibre reinforced polyamide, polypropylene or stainless steel 1.4301, 1.4401 and 1.4581. Stainless steel is the choice for corrosive media and demanding wash-down regimes.
- Nominal size DN 1 to 66 mm and operating pressure: upper limits run from 1 to 50 bar, and nominal size sets the achievable flow.

TYPICAL APPLICATIONS

- Shutting off and releasing compressed air in machines and plant
- Cleaning fabric filters in dust collection systems using pulse diaphragm valves
- Switching duties in cooling and heating water circuits
- Dosing and filling stations handling thin, neutral media
- Vacuum applications with operating pressures from -1 bar

Threads are made to DIN EN ISO 228-1 or ISO 7-1. Protection class IP 65 or IP 67 is reached with the connector socket correctly fitted.

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