

2/2 solenoid valve, NC, G 3/8, PN 0.5-16, FPM, pilot-op. 230V AC - Riegler 129496

Item no. RGL-129496

Manufacturer Riegler

EAN 4047322731669

2/2 solenoid valve, NC, G 3/8, PN 0.5-16, FPM, pilot-op. 230V AC

TECHNICAL DATA

Betriebsdruck max [bar]	16.000000
Country of Manufacture	Germany
Function	normally closed (NC)
Housing material	Brass
Material	Brass
Nominal size DN [mm]	13
Norm	DIN EN ISO 228-1, EN 175301-803-A
Operating voltage	230 V AC
Pneumatic connection	G3/8
Protection rating	IP65
Seal material	FPM
Thread	G 3/8
Thread standard	DIN EN ISO 228-1
Weight	0.65 kg
Zolltarifnummer	84818079



STANDARDS & COMPLIANCE

EN 175301-803 ISO 228-1 ISO 7-1

DESCRIPTION

2/2-way sol. valve, NC, brass, G 3/8, DN13, PN 0.5-16, FPM (FKM), pilot-opera., 230V AC, med.temp -15 to 100, ambi.temp -10 to 50 In many areas, such as plant engineering, process technology or filling technology, solenoid valves are an optimum solution for control and regulation of fluids. With this professional standard series, RIEGLER offers fluid valves designed in Germany and produced in Europe. A consistently managed modular system guarantees a broad spectrum of possible valve forms in regards to sealing materials or valve bodies. If you cannot find your required specification in our standard products, please contact us.

TECHNICAL DATA

Min. operating pressure	0.5 bar
Max. operating pressure	16 bar
Protection IP	IP 65 (with connector socket fitted)
Electrical connection	connector socket, industrial standard type A-EN 175301-803-A

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Page 1/3

Housing	brass
Valve seat	brass and stainless steel
Internal parts	brass and stainless steel
Sealant	FPM
Min. ambient temperature	-10 °C
Max. ambient temperature	50 °C
Min. medium temperature	-15 °C
Max. medium temperature	100 °C
Thread	G 3/8
Function	normally closed (NC)
DN	13 mm
A	67.0 mm
B	103.0 mm
Voltage	230 V AC
C	48.0 mm

STANDARDS AND ORIGIN

- Standard thread: DIN EN ISO 228-1
- Customs tariff number: 84818079
- Country of origin: DE

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.