

3/2-way pilot valve brass, 2.0, 110V, for solenoid valve, F.BV. - Riegler 129204

Item no. RGL-129204

Manufacturer Riegler

EAN 4047322728614

3/2-way pilot valve brass, 2.0, 110V, for solenoid valve, F.BV.

TECHNICAL DATA

Betriebsdruck max [bar]	12.000000
Country of Manufacture	Germany
Function	any flow direction (BEL)
Housing material	Brass
Material	Brass
Norm	DIN EN ISO 228-1, EN 175301-803
Operating voltage	110 V AC
Seal material	FPM
Weight	0.46 kg
Zolltarifnummer	84818079



STANDARDS & COMPLIANCE

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

DESCRIPTION

3/2-way pilot valve brass, flange mounting, 110V, FPM, for solenoid valve 124705, 124749, 124757, 124852, 125762, 125777, 125770

TECHNICAL DATA

Min. operating pressure	0 bar
Max. operating pressure	12 bar
Electrical connection	pin terminal acc. to DIN EN 175301-803
Housing	brass
Sealant	FPM
Min. ambient temperature	0 °C
Max. ambient temperature	55 °C
Min. medium temperature	0 °C
Max. medium temperature	80 °C
Function	flow direction optional

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STANDARDS AND ORIGIN

- 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.