

3/2-way solenoid valve, NC, directly operated 230 V, 50 - 60 Hz - Riegler 102964

Item no. RGL-102964

Manufacturer Riegler

EAN 4047322160766

3/2-way solenoid valve, NC, directly operated 230 V, 50 - 60 Hz

TECHNICAL DATA

Betriebsdruck max [bar]	6.000000
Country of Manufacture	Poland
Function	normally closed (NC)
Housing material	Brass
Material	Brass
Nominal size DN [mm]	3,2
Operating voltage	230 V AC
Pneumatic connection	Rp1/4
Protection rating	IP65
Seal material	NBR
Thread	Rp 1/4
Thread standard	ISO 7-1
Weight	0.59 kg
Zolltarifnummer	84812090



STANDARDS & COMPLIANCE

ISO 4400 ISO 7-1 ISO 228-1

DESCRIPTION

3/2-way solenoid valve brass, NC, directly operated 230 V, 50 - 60 Hz, Sealing material NBR, Rp 1/4, PN 0 - 6 bar, I.D. 3.2 For all applications with compressed air, neutral gases or low-viscosity, neutral media.

TECHNICAL DATA

Min. operating pressure	0 bar
Max. operating pressure	6 bar
Protection IP	IP 65 (with connector socket fitted)
Electrical connection	for connector socket PG 11 P acc. to ISO 4400
Housing	brass
Valve seat	brass
Internal parts	stainless steel
Sealant	NBR

A1-ESD equipment

Keldersstr. 15
42697 Solingen, Deutschland
VAT ID: DE269659389

Phone: +49 212 38340680
shop@esd-equipment.com
fluidics-equipment.com

Page 1/3

Min. ambient temperature	-20 °C
Max. ambient temperature	75 °C
Min. medium temperature	-20 °C
Max. medium temperature	90 °C
Thread	Rp 1/4
Type	10
Function	normally closed (NC)
DN	3.2 mm
A	80.0 mm
B	43.0 mm
Voltage	230 V AC

STANDARDS AND ORIGIN

- Standard thread: ISO 7-1
- Customs tariff number: 84812090
- Country of origin: PL

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.