

2/2-way solenoid valve, NC, G 1 1/2, PN 0.2-10, FKM, 24V DC - Riegler 124755

Item no. RGL-124755

Manufacturer Riegler

EAN 4047322726146

2/2-way solenoid valve, NC, G 1 1/2, PN 0.2-10, FKM, 24V DC

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Country of Manufacture	Germany
Function	normally closed (NC)
Housing material	Brass
Material	Brass
Nominal size DN [mm]	40
Norm	DIN EN ISO 228-1, EN 175301-803
Operating voltage	24 V DC
Pneumatic connection	G1 1/2
Protection rating	IP65
Seal material	FKM
Thread	G 1 1/2
Weight	3.093 kg
Zolltarifnummer	84818079



STANDARDS & COMPLIANCE

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

DESCRIPTION

Media-separated 2/2-way solenoid valve, NC, brass, G 1 1/2, PN 0.2-10, pilot-opera., 24V DC, med.temp. 0 to 90, amb.temp. 0 to 55 The Type 5282 valve is a servo-controlled diaphragm valve. A minimum differential pressure is required for the valve to function. A range of diaphragm materials and operating modes are available to suit different applications. The standard brass body complies with all European drinking water requirements. The solenoid coils are overmoulded with a highly chemically resistant epoxy. The Type 5282 is equipped with a manual override for commissioning and testing. NEMA 4X is available on request.

TECHNICAL DATA

Min. operating pressure	0.2 bar
Max. operating pressure	10 bar
Protection IP	IP 65 (with connector socket fitted)
Electrical connection	pin terminal acc. to DIN EN 175301-803, type A
Housing	brass

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

Valve seat	brass and stainless steel
Internal parts	brass and stainless steel
Sealant	FKM
Min. ambient temperature	0 °C
Max. ambient temperature	55 °C
Min. medium temperature	0 °C
Max. medium temperature	90 °C
Thread	G 1 1/2
Function	normally closed (NC)
DN	40 mm
A	126.0 mm
B	156.0 mm
Voltage	24 V DC
C	126.0 mm

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.