

# 2/2 - way solenoid valve

## 12 V DC, normally closed (NC)

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**EPDM, FKM or NBR Seal**

### ITEM DESCRIPTION

#### Materials

Body: Brass

Internal parts: Brass / stainless steel

Seal: NBR (Types with G 1/8" and G 1/4": FKM)

#### Temperature range:

-10 to +90°C

#### Media:

Compressed air, neutral gases, water, neutral light media, heating oil, other media on request

#### Installation position:

With standing magnet

#### Tensions:

Standard: 24 V =, 230 V AC, if desired: other voltages

#### Protection class:

IP 65

#### Optional on request

FKM seal (-10 °C to max. +130 °C) -V, EPDM seal for air and hot water (-10 °C to max. +120 °C) -EP, EX-protected \*\* -EX

#### Information:

These valves are supplied with coils and plugs!

#### Pay attention:

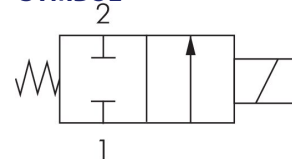
Servo-controlled valves require a pressure difference between the valve inlet and outlet for opening or closing. The pressure difference is displayed as the minimum pressure. If pressure compensation occurs in the valve, possibly because little or no consumption is made at the valve outlet, the valve no longer works (opens or closes reliably)

*\* Water flow rate at +20 °C, 1 bar pressure in valve inlet, free spout. Flow rate for air [l / min] approx.  $13.4 \times kv \times P \text{ Input}$ , when  $P \text{ Output} < P \text{ Input} / 2$  ( $P \text{ Input}$  and  $P \text{ Output}$  are absolute values in bar.), \*\* indicate protection class, only NC valves*

*All statements are intended as non-binding guidelines! We are not liable for data selection not confirmed in writing. Pressure data, unless stated otherwise, relate to liquids from group II at +20 C.*



#### SYMBOL



#### PROPERTIES

##### Function:

2/2 NC (normally closed) or 2/2 NO (normally opened)

##### Thread:

G 1/8", G 1/4" & G 1/2"

##### Workload (bar):

0-8, 0-15, 0-16, -0,95-12

##### Voltage:

12V DC, 24V DC, 24V AC, 230V AC & 115V AC

##### Orifice (DN) mm:

2.2, 2.5, 3 & 16

##### Seal:

NBR, FKM or EPDM

##### Length (L) mm:

38mm, 40mm or 68.5mm

##### Kv value (L/min.):

2.4, 3.4, 4.5, 70

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