

Datum: 01.05.2025



(slika je simbolična)

Prop. regula. ventil posiflow, 24 V DC, NC, G 1/4, DN 3.2

Kategorija: [Proportional valve, 24 V DC, normally closed](#)Šifra: **101646RIE**

Kratek opis

Proportional control valve »posiflow«, for water / oil, 24 V DC, NC, G 1/4, DN 3.2, Operating pressure difference max. 4 bar

For electronic flow control.

For all applications where the flow rate of a liquid or gas has to be controlled.

The valve features a special magnet armature and is characterised by low friction and a high dynamic response.

If the valve is combined with a plug amplifier:

The maximum / minimum current and frequency can be adjusted by means of integrated potentiometers.

A current ramp can also be connected and adjusted with a potentiometer.

This facilitates a slow change in the flow rate, even if the setpoint changes suddenly.

If the setpoint is < 200 mV (< 0.4 / 4.4 mA), the piloting current is completely switched off, causing the valve to be de-energised (tightly closed function).

We recommend combining these proportional valves with a plug amplifier.

Benefits:

- Compact and economical
- Integrated temperature compensation
- Precise control
- Optimised flow with no water hammer
- Ramp function assures a smooth response to step changes in the input signal
- Disconnect function

Tehnične Specifikacije

Min. sobna temperatura [°C]	-10
Min. temperatura medija [°C]	-10
Navoj	G 1/4
Notranji deli	Stainless steel
Ohišje	Brass
Poskusno	Via plug amplifier 0 to 10 V, 0 to 20 mA, 4 to 20 mA
Razpon tlaka	Vacuum to 8 bar
Sedež ventila	Brass
Srednje	Air, neutral gases, water, oil
Tesnilo	FKM
Vedenje v varnostnem načinu	Tight closure in case of loss of voltage
Ventilski disk	FKM
DN	3.2
Max. razlika v delovnem tlaku [bar]	4
B [mm]	40.0
Max. sobna temperatura [°C]	75
A [mm]	85.0
Max. temperatura medija [°C]	90
C [mm]	95.0