

Datum: 03.05.2025



## **Proporcionalni kont. ventil »posiflow« 24V DC, NC, G1/8, DN1.6**

Kategorija: [Proportional valve, 24 V DC, normally closed](#)Šifra: **101640RIE**

(slika je simbolična)

### **Kratek opis**

Proportional control valve »posiflow« for air / gas / water / oil, 24 V DC, NC, G 1/8, DN 1.6, Operating pressure diff. 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**

|                                     |                                                      |
|-------------------------------------|------------------------------------------------------|
| Navoj                               | G 1/8                                                |
| 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                                  | 1.6                                                  |
| Max. razlika v delovnem tlaku [bar] | 4                                                    |
| B [mm]                              | 25.0                                                 |
| Max. sobna temperatura [°C]         | 40                                                   |
| Max. temperatura medija [°C]        | 50                                                   |
| A [mm]                              | 59.0                                                 |
| C [mm]                              | 78.0                                                 |