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**Datum:** 29.11.2026



(slika je simbolična)

# Proporcionalni kont. ventil »pulstronic II«24V DC, G1/4, DN4

Kategorija: Proportional control valves, »pulstronic II« type
Šifra: **101630RIE**

## Kratek opis

Proportional control valve »pulstronic II«, 3-way design, with control circuit, 24 V DC, G 1/4, DN 4, Pressure range 0 - 10 bar
For electronic pressure control
Compact, electropneumatic pressure regulating valve which converts an electronic signal to a pneumatic pressure.
It is particularly suited for precise pressure regulation as well as for pressure control in conjunction with a constant flow due to its internal control loop with electronic pressure feedback.
Operating principle:
Two pulsed pilot valves change the pressure in the control chamber.
A downstream pressure booster converts the pilot pressure into an outlet pressure.
The outlet pressure is measured with a pressure sensor and fed into the internal control loop.
The setpoint is established over the electrical plug-in connector as a standard signal (0 to 10 V).

## Tehnične Specifikacije

| | |
|---|---|
| Delovanje | Pulsed 3/2-way valves |
| Električna nastavitev | 0 - 10 V, 0 - 20 mA, 4 - 20 mA |
| histereza | < 1% FS |
| Merjenje pretoka | At $P_2$ = 6 bar |
| Navoj | G 1/4 |
| Notranji deli | POM |
| Ohišje | POM |
| Ponovljivost | ± 0.5% FS |
| Poskusno | 0 - 10 V |
| Srednje | Air or neutral gases, filter.50 µm, lubricat. or unlubricat. |
| Tesnilo | NBR, FPM |
| Vedenje v varnostnem načinu | Maintenance of press. in case of loss of voltage-non control |
| DN | 4 |
| Max. delovni tlak [bar] | 10 |
| B [mm] | 46.5 |
| Max. sobna temperatura [°C] | 50 |
| Max. temperatura medija [°C] | 60 |
| H [mm] | 144.0 |
| Pretok [l/min] | 470 |