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(slika je simbolična)

## Proporcionalni kont. ventil »pulstronic II« 24V DC, G1/8, DN1

Kategorija: [Proportional control valves, »pulstronic II« type](#)Šifra: **101629RIE**

### Kratek opis

Proportional control valve »pulstronic II«, 3-way design, with control circuit, 24 V DC, G 1/8, DN 1, 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 1/8                                                             |
| Notranji deli                | POM                                                               |
| Ohišje                       | POM                                                               |
| Ponovljivost                 | $\pm 0.5\%$ FS                                                    |
| Poskusno                     | 0 - 10 V                                                          |
| Srednje                      | Air or neutral gases, filter.50 $\mu$ m, lubricat. or unlubricat. |
| Tesnilo                      | NBR, FPM                                                          |
| Vedenje v varnostnem načinu  | Maintenance of press. in case of loss of voltage-non control      |
| DN                           | 1                                                                 |
| Max. delovni tlak [bar]      | 10                                                                |
| Pretok [l/min]               | 13                                                                |
| B [mm]                       | 46.5                                                              |
| Max. sobna temperatura [°C]  | 50                                                                |
| Max. temperatura medija [°C] | 60                                                                |
| H [mm]                       | 105.6                                                             |