

Precision pressure regulator MS6-LRP-1/2-PE10-VS

Part number: 8203861

FESTO



Data sheet

| Feature | Value |
|---|--|
| Size | 6 |
| Series | MS |
| Mounting position | optional |
| Design | Piloted precision pressure regulator |
| Controller function | Output pressure constant With secondary venting |
| Operating pressure | 0.6 MPa...1.1 MPa 6 bar...11 bar |
| Pressure regulation range | 0.1 bar...10 bar |
| Max. pressure hysteresis | 0.05 bar |
| Standard nominal flow rate (standardised to DIN 1343) | 9000 l/min |
| Operational voltage range DC | 21.6 V...26.4 V |
| Max. electrical power consumption | 4.2 W |
| Max. current consumption | 0.16 A |
| Nominal operating voltage DC | 24 V |
| Residual ripple | 10 % |
| Signal range analogue input | 0 - 10 V |
| CE mark (see declaration of conformity) | To EU EMC Directive In accordance with EU RoHS Directive |
| CE marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases |
| Note on operating and pilot medium | Ester oil < 0.1mg/m ³ , according to ISO 8573-1:2010 [---:2] Lubricated operation not possible |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -10 °C...60 °C |
| Media temperature | 10 °C...50 °C |
| Ambient temperature | 0 °C...60 °C |
| Product weight | 800 g |
| Type of mounting | Either: In-line installation With accessories |

| Feature | Value |
|------------------------------|----------------|
| Pneumatic connection, port 1 | G1/2 |
| Pneumatic connection, port 2 | G1/2 |
| Pneumatic connection, port 3 | G1/4 |
| Note on materials | RoHS-compliant |
| Material seals | NBR |
| Material housing | Aluminium |