

Precision pressure regulator MS6N-LRP-1/2-D4-A8

Part number: 538047

FESTO



General operating condition

Data sheet

| Feature | Value |
|---|---|
| Size | 6 |
| Series | MS |
| Actuator lock | Rotary knob with detent |
| Mounting position | Any |
| Structural design | Pilot-controlled precision diaphragm regulator |
| Controller function | Outlet pressure constant With secondary exhausting |
| Symbol | 00991540 |
| Pressure gauge | G1/8 prepared |
| Operating pressure | 0.1 MPa ... 1.4 MPa |
| Operating pressure | 1 bar ... 14 bar |
| Pressure regulation range | 0.05 bar ... 2.5 bar |
| Max. pressure hysteresis | 0.02 bar |
| Flow rate of secondary venting | ≥450 l/min |
| Normal nominal flow rate (normalized to DIN 1343) | ≥2300 l/min |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas |
| Information on operating and pilot media | Ester oil < 0.1 mg/m ³ , according to ISO 8573-1:2010 [-:~:2] Operation with oil lubrication not possible |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -10 °C ... 60 °C |
| Temperature of medium | -10 °C ... 60 °C |
| Ambient temperature | -10 °C ... 60 °C |
| Product weight | 850 g |
| Type of mounting | With accessories |
| Pneumatic connection 1 | 1/2 NPT |
| Pneumatic connection 2 | 1/2 NPT |
| Pneumatic connection 3 | G1/4 |
| Note on materials | RoHS-compliant |
| Seals material | NBR |
| Housing material | Aluminum |