

Pressure regulator MS4-LR-1/8-D6-VS-DM1

Part number: 564918

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Size | 4 |
| Series | MS |
| Actuator lock | Rotary knob with detent |
| Mounting position | Any |
| Structural design | Directly controlled diaphragm regulator |
| Controller function | Outlet pressure constant With secondary exhausting With return flow function |
| Symbol | 00991559 |
| Pressure gauge | with pressure gauge in rotary knob |
| Operating pressure | 0.08 MPa ... 1.4 MPa |
| Operating pressure | 0.8 bar ... 14 bar |
| Pressure regulation range | 0.3 bar ... 7 bar |
| Max. pressure hysteresis | 0.04 MPa |
| Max. pressure hysteresis | 0.4 bar |
| Max. pressure hysteresis | 5.8 psi |
| Normal nominal flow rate (normalized to DIN 1343) | 1150 l/min |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -10 °C ... 60 °C |
| For use in the food industry | See supplementary material information |
| Temperature of medium | -10 °C ... 60 °C |
| Ambient temperature | -10 °C ... 60 °C |
| Product weight | 225 g |
| Type of mounting | With accessories |
| Pneumatic connection 1 | G1/8 |
| Pneumatic connection 2 | G1/8 |
| Note on materials | RoHS-compliant |
| Material of sub-base | Die-cast aluminum |
| Material of operator panel | PA POM |
| Seals material | NBR |

| Feature | Value |
|--------------------|-------------------|
| Housing material | Die-cast aluminum |
| Diaphragm material | NBR |