


Pressure regulator LRS-1-D-DI-MAXI

Part number: 194678

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|--|
| Size | Maxi |
| Series | D |
| Actuator lock | Rotary knob with detent |
| Mounting position | Any |
| Structural design | Directly controlled diaphragm regulator |
| Controller function | Outlet pressure constant With primary pressure compensation With secondary exhausting With return flow function |
| Symbol | 00991558 |
| Pressure gauge | with pressure gauge |
| Operating pressure | 0.1 MPa ... 1.6 MPa |
| Operating pressure | 1 bar ... 16 bar |
| Pressure regulation range | 0.5 bar ... 12 bar |
| Max. pressure hysteresis | 0.04 MPa |
| Max. pressure hysteresis | 0.4 bar |
| Max. pressure hysteresis | 5.8 psi |
| Standard nominal flow rate | 7000 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 |
| Air quality class at the output | Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas |
| Temperature of medium | -10 °C ... 60 °C |
| Ambient temperature | -10 °C ... 60 °C |
| Product weight | 1680 g |
| Type of mounting | Front panel mounting Line installation With accessories |
| Pneumatic connection 1 | G1 |
| Pneumatic connection 2 | G1 |
| Note on materials | RoHS-compliant |
| Material of sub-base | Die-cast zinc |
| Seals material | NBR |

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