

Pressure regulator LRS-1/2-D-7-O-DI-MAXI

Part number: 194673

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Size | Maxi |
| Series | D |
| Actuator lock | Rotary knob with detent |
| Mounting position | optional |
| Design | Directly actuated diaphragm regulator |
| Controller function | Output pressure constant Via primary pressure compensation With secondary venting With return flow function |
| Symbol | 00991559 |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/4 |
| Operating pressure | 0.1 MPa ... 1.6 MPa |
| Operating pressure | 1 bar ... 16 bar |
| Pressure regulation range | 0.5 bar ... 7 bar |
| Max. pressure hysteresis | 0.04 MPa |
| Max. pressure hysteresis | 0.4 bar |
| Max. pressure hysteresis | 5.8 psi |
| Standard nominal flow rate (standardised to DIN 1343) | 7300 l/min |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] Inert gas |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Air purity class at output | Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases |
| Media temperature | -10 °C ... 60 °C |
| Ambient temperature | -10 °C ... 60 °C |
| Product weight | 1610 g |
| Type of mounting | With accessories |
| Pneumatic connection, port 1 | G1/2 |
| Pneumatic connection, port 2 | G1/2 |
| Note on materials | RoHS-compliant |
| Material sub-base | Die-cast zinc |
| Material seals | NBR |

| Feature | Value |
|-------------------|---------------|
| Material housing | Die-cast zinc |
| Material membrane | NBR |