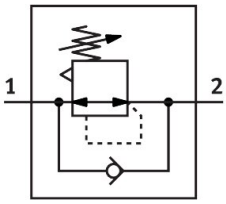
# Pressure regulator
# LRS-1-D-O-DI-MAXI

Part number: 194679






## 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 | Constant output pressure<br>With primary pressure compensation<br>With secondary exhausting<br>With return flow characteristic |
| Pressure gauge | Set up for G1/4 |
| Operating pressure | 0.1 MPa...1.6 MPa<br>1 bar...16 bar |
| Pressure regulation range | 0.5 bar...12 bar |
| Max. pressure hysteresis | 0.04 MPa<br>0.4 bar<br>5.8 psi |
| Normal nominal flow rate (normalized to DIN 1343) | 7000 l/min |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gases |
| 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]<br>Inert gases |
| Temperature of medium | -10 °C...60 °C |
| Ambient temperature | -10 °C...60 °C |
| Product weight | 1610 g |
| Type of mounting | Front panel mounting<br>In-line installation<br>With accessories |
| Pneumatic connection 1 | G1 |
| Pneumatic connection 2 | G1 |
| Note on materials | RoHS compliant |

| Feature | Value |
|---|---|
| Material of sub-base | Die-cast zinc |
| Seals material | NBR |
| Housing material | Die-cast zinc |
| Diaphragm material | NBR |