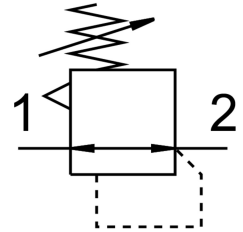


Precision pressure regulator LRP-1/4-10-EX4

Part number: 549921

FESTO



Data sheet

| Feature | Value |
|---|---|
| Size | 50 |
| Actuator lock | Rotary knob with detent |
| Mounting position | optional |
| Design | Piloted precision diaphragm control valve |
| Controller function | Output pressure constant With secondary venting |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/8 |
| Operating pressure | 0.1 MPa...1.2 MPa 1 bar...12 bar |
| Pressure regulation range | 0.1 bar...10 bar |
| Max. pressure hysteresis | 0.02 bar |
| Standard nominal flow rate | 2300 l/min |
| Explosion protection | Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases |
| Note on operating and pilot medium | Lubricated operation not possible |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Media temperature | -10 °C...60 °C |
| Ambient temperature | -10 °C...60 °C |
| Product weight | 315 g |
| Type of mounting | Either: Front panel mounting In-line installation With accessories |
| Pneumatic connection, port 1 | G1/4 |
| Pneumatic connection, port 2 | G1/4 |
| Note on materials | RoHS-compliant |
| Material seals | NBR |

| Feature | Value |
|------------------|--------------------|
| Material housing | Die-cast aluminium |