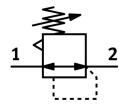
Precision pressure regulator LRP-1/4-4-EX4 Part number: 549920







General operating condition

Data sheet

| Feature | Value |
|------------------------------------------|---------------------------------------------------------------------|
| Size | 50 |
| Actuator lock | Rotary knob with detent |
| Mounting position | Any |
| Structural design | Pilot-controlled precision diaphragm regulator |
| Controller function | Outlet pressure constant With secondary exhausting |
| Symbol | 00991540 |
| Pressure gauge | G1/8 prepared |
| Operating pressure | 0.1 MPa 1.2 MPa |
| Operating pressure | 1 bar 12 bar |
| Pressure regulation range | 0.05 bar 4 bar |
| Inlet pressure 1 | 1 bar 12 bar |
| Max. pressure hysteresis | 0.02 bar |
| Standard nominal flow rate | 2000 l/min |
| Explosion prevention and protection | Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| 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 not possible |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Temperature of medium | -10 °C 60 °C |
| Ambient temperature | -10 °C 60 °C |
| Product weight | 315 g |
| Type of mounting | Optionally: Front panel mounting Line installation With accessories |
| Pneumatic connection 1 | G1/4 |
| Pneumatic connection 2 | G1/4 |
| Note on materials | RoHS-compliant |
| Seals material | NBR |
| Housing material | Die-cast aluminum |