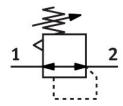
Precision pressure regulator LRP-1/4-0.7-F1A Part number: 8196140







General operating condition

Data sheet

| Feature | Value |
|---|---|
| Actuator lock | Rotary knob with detent |
| Mounting position | optional |
| Design | Piloted precision diaphragm control valve |
| Controller function | Output pressure constant With secondary venting |
| Symbol | 00991540 |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/8 |
| Operating pressure | 0.1 MPa 1.2 MPa |
| Operating pressure | 1 bar 12 bar |
| Pressure regulation range | 0.05 bar 0.7 bar |
| Inlet pressure 1 | 1 bar 12 bar |
| Max. pressure hysteresis | 0.02 bar |
| Standard nominal flow rate (standardised to DIN 1343) | 800 l/min |
| 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 |
| Suitability for the production of Li-ion batteries | Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel in steel, chemically nickel-plated surfaces, circuit boards, cables, electrical plug connectors and coils |
| Media temperature | -10 °C 60 °C |
| Ambient temperature | -10 °C 60 °C |
| Product weight | 310 g |
| Type of mounting | 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 |
| Material housing | Aluminium |