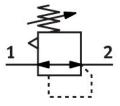
Precision pressure regulator LRP-1/4-0.7-F1A Part number: 8196140



Data sheet

| Feature | Value |
|--|---|
| Actuator lock | Rotary knob with detent |
| Mounting position | Any |
| Structural design | Pilot-controlled precision diaphragm regulator |
| Controller function | Outlet pressure constant With secondary exhausting |
| Pressure gauge | G1/8 prepared |
| Operating pressure | 0.1 MPa1.2 MPa 1 bar12 bar |
| Pressure regulation range | 0.05 bar0.7 bar |
| Inlet pressure 1 | 1 bar12 bar |
| Max. pressure hysteresis | 0.02 bar |
| Standard nominal flow rate | 800 l/min |
| 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 |
| Suitability for the production of Li-ion batteries | Product corresponds to Festo's internal product definition for use in battery production: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 |
| Temperature of medium | -10 °C60 °C |
| Ambient temperature | -10 °C60 °C |
| Product weight | 310 g |
| Type of mounting | 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 | Aluminum |

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