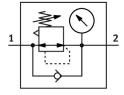
Pressure regulator MS12-LR-G-D7-LD-AS Part number: 537148



Data sheet

| Feature | Value |
|----------------------------------|--|
| Size | 12 |
| Series | MS |
| Actuator lock | Rotary knob with detent can be closed with accessories |
| Mounting position | Any |
| Structural design | Pilot-controlled diaphragm regulator |
| Controller function | Outlet pressure constant With primary pressure compensation With secondary exhausting With return flow function |
| Pressure gauge | with pressure gauge |
| Operating pressure | 0.08 MPa2.1 MPa 0.8 bar21 bar |
| Pressure regulation range | 0.5 bar12 bar |
| Max. pressure hysteresis | 0.04 MPa 0.4 bar 5.8 psi |
| Flow rate of secondary venting | 600 l/min |
| Standard nominal flow rate | 13000 l/min22000 l/min |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -10 °C60 °C |
| Temperature of medium | -10 °C60 °C |
| Ambient temperature | -10 °C60 °C |
| Product weight | 4000 g |
| Type of mounting | Line installation With mounting bracket Optionally: |
| Pneumatic connection 1 | Sub-base |
| Pneumatic connection 2 | Sub-base |
| Covering material | РА |
| Note on materials | RoHS-compliant |

FESTO

| Feature | Value |
|----------------------------|---|
| Material of operator panel | PA-reinforced POM |
| Lower cover material | Wrought aluminum alloy |
| Seals material | NBR |
| Material of spring | Spring steel |
| Housing material | Die-cast aluminum |
| Diaphragm material | NBR |
| Valve tappet material | Wrought aluminum alloy NBR High-alloy stainless steel |