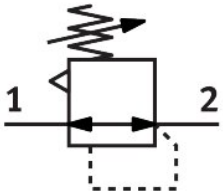
# Precision pressure regulator
# MS6-LRP-1/2-D2-A8

Part number: 538020






## Data sheet

| Feature | Value |
|---|---|
| Size | 6 |
| Series | MS |
| Actuator lock | Rotary knob with detent |
| Mounting position | Any |
| Structural design | Pilot-controlled precision diaphragm regulator |
| Controller function | Constant output pressure<br>With secondary exhausting |
| Pressure gauge | Set up for G1/8 |
| Operating pressure | 0.1 MPa...1.4 MPa<br>1 bar...14 bar |
| Pressure regulation range | 0.05 bar...0.7 bar |
| Max. pressure hysteresis | 0.02 bar |
| Flow rate of secondary venting | 220 l/min |
| Normal nominal flow rate (normalized to DIN 1343) | 1600 l/min |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gases |
| Information on operating and pilot media | Ester oil < 0.1mg/m³, according to ISO 8573-1:2010 [-:-:2]<br>Operation with oil lubrication not possible |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -10 °C...60 °C |
| Temperature of medium | -10 °C...60 °C |
| Ambient temperature | -10 °C...60 °C |
| Product weight | 850 g |
| Type of mounting | Alternatively:<br>Front panel mounting<br>In-line installation<br>With accessories |
| Pneumatic connection 1 | G1/2 |
| Pneumatic connection 2 | G1/2 |
| Pneumatic connection 3 | G1/4 |
| Note on materials | RoHS compliant |
| Seals material | NBR |

| Feature | Value |
| --- | --- |
| Housing material | Aluminum |