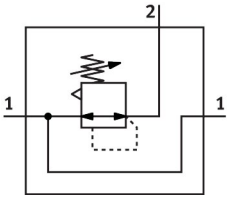
# Precision pressure regulator
# MS6-LRPB-1/2-D5-A8

Part number: 534917






## Data sheet

| Feature | Value |
|---|---|
| Size | 6 |
| Series | MS |
| Actuator lock | Rotary knob with detent |
| Mounting position | Any |
| Design | Piloted precision diaphragm control valve |
| Controller function | Output pressure constant<br>With secondary exhausting |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/8 |
| Operating pressure | 0.1 MPa...1.4 MPa<br>1 bar...14 bar |
| Pressure regulation range | 0.1 bar...4 bar |
| Max. pressure hysteresis | 0.02 bar |
| Flow rate of secondary exhaust | 650 l/min |
| Standard nominal flow rate (standardised to DIN 1343) | 3000 l/min |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gas |
| 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 |
| Storage temperature | -10 °C...60 °C |
| Media temperature | -10 °C...60 °C |
| Ambient temperature | -10 °C...60 °C |
| Product weight | 850 g |
| Type of mounting | Either:<br>Front panel mounting<br>Inline installation<br>With accessories |
| Pneumatic connection, port 1 | G1/2 |
| Pneumatic connection, port 2 | G1/2 |
| Pneumatic connection, port 3 | G1/4 |
| Note on materials | RoHS compliant |
| Material seals | NBR |

| Feature | Value |
| --- | --- |
| Material housing | Aluminium |