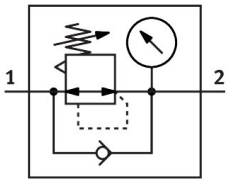
# Pressure regulator
# MS4-LR-1/8-D6-A8

Part number: 543519






## Data sheet

| Feature | Value |
|---|---|
| Size | 4 |
| Series | MS |
| Actuator lock | Rotary knob with detent |
| Mounting position | Any |
| Design | Directly actuated diaphragm regulator |
| Controller function | Output pressure constant<br>With secondary exhausting<br>With return flow function |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/8 |
| Operating pressure | 0.08 MPa...1.4 MPa<br>0.8 bar...14 bar |
| Pressure regulation range | 0.3 bar...7 bar |
| Max. pressure hysteresis | 0.025 MPa<br>0.25 bar<br>3.625 psi |
| Standard nominal flow rate (standardised to DIN 1343) | 1150 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 possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -10 °C...60 °C |
| Suitable for use with food | See supplementary material information |
| Media temperature | -10 °C...60 °C |
| Ambient temperature | -10 °C...60 °C |
| Product weight | 225 g |
| Type of mounting | Either:<br>Front panel mounting<br>Inline installation<br>With accessories |
| Pneumatic connection, port 1 | G1/8 |
| Pneumatic connection, port 2 | G1/8 |
| Note on materials | RoHS compliant |

| Feature | Value |
|---|---|
| Material sub-base | Die-cast aluminium |
| Material control panel | PA<br>POM |
| Material seals | NBR |
| Material housing | Die-cast aluminium |
| Material membrane | NBR |