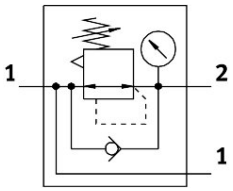
# Pressure regulator
# MS4-LRB-1/4-D6-AS-BD-Z

Part number: 529481






## Data sheet

| Feature | Value |
|---|---|
| Size | 4 |
| Series | MS |
| Actuator lock | Rotary knob with detent<br>can be closed with accessories |
| Mounting position | Any |
| Structural design | Directly controlled diaphragm regulator<br>with continuous compressed air supply |
| Controller function | Constant output pressure<br>With primary pressure compensation<br>With secondary exhausting<br>With return flow characteristic |
| Pressure gauge | with pressure gauge |
| Operating pressure | 0.8 bar...14 bar |
| Pressure regulation range | 0.3 bar...7 bar |
| Max. pressure hysteresis | 0.25 bar |
| Normal nominal flow rate (normalized to DIN 1343) | 840 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 possible (required for further use) |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -10 °C...60 °C |
| For use in the food industry | See supplementary material information |
| Temperature of medium | -10 °C...60 °C |
| Ambient temperature | -10 °C...60 °C |
| Product weight | 222 g |
| Type of mounting | Alternatively:<br>Front panel mounting<br>In-line installation<br>With accessories |
| Pneumatic connection 1 | G1/4 |
| Pneumatic connection 2 | QS-8 |
| Note on materials | RoHS compliant |

| Feature | Value |
|---|---|
| Material of sub-base | Die-cast aluminum |
| Material of operator panel | PA<br>POM |
| Seals material | NBR |
| Housing material | Die-cast aluminum |
| Diaphragm material | NBR |