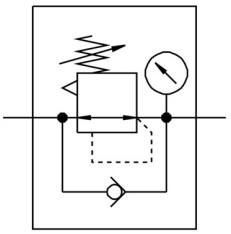
# Pressure regulator
# MS9-LR-G-D5-DI-AG-BAR-AS

Part number: 564135





## Data sheet

| Feature | Value |
|---|---|
| Size | 9 |
| Series | MS |
| Actuator lock | can be closed with accessories |
| Mounting position | Any |
| Structural design | Directly controlled diaphragm regulator |
| Controller function | Outlet pressure constant<br>With primary pressure compensation<br>With secondary exhausting<br>With return flow function |
| Symbol | 00991536 |
| Pressure gauge | with pressure gauge |
| Operating pressure | 1 bar ... 20 bar |
| Pressure regulation range | 0.5 bar ... 4 bar |
| Max. pressure hysteresis | 0.4 bar |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gas |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| Storage temperature | -10 °C ... 60 °C |
| Temperature of medium | -10 °C ... 60 °C |
| Ambient temperature | -10 °C ... 60 °C |
| Product weight | 1400 g |
| Type of mounting | Optionally:<br>Front panel mounting<br>Line installation<br>With accessories |
| Covering material | PA-reinforced |
| Note on materials | RoHS-compliant |
| Material of sub-base | Die-cast aluminum |
| Material of mounting bracket | Die-cast aluminum |
| Housing material | Die-cast aluminum |
| Module connector material | Die-cast aluminum |
| Diaphragm material | NBR |
| Valve tappet material | Wrought aluminum alloy<br>NBR<br>POM |