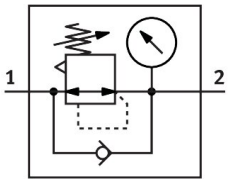
# Pressure regulator
# MS6N-LR-1/2-D7-AS

Part number: 531455






General operating condition

## Data sheet

| Feature | Value |
|---|---|
| Size | 6 |
| Series | MS |
| Actuator lock | Rotary knob with detent<br>can be closed with accessories |
| Mounting position | Any |
| Structural design | Pressure regulator with pressure gauge |
| Controller function | Outlet pressure constant<br>With primary pressure compensation<br>With secondary exhausting |
| Symbol | 00991558 |
| Pressure gauge | with pressure gauge |
| Operating pressure | 0.8 bar ... 20 bar |
| Pressure regulation range | 0.5 bar ... 12 bar |
| Max. pressure hysteresis | 0.25 bar |
| Standard nominal flow rate | 5500 l/min |
| 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 |
| 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 | 730 g |
| Type of mounting | With accessories |
| Pneumatic connection 1 | 1/2 NPT |
| Pneumatic connection 2 | 1/2 NPT |
| Note on materials | RoHS-compliant |
| Material of operator panel | PA<br>POM |
| Seals material | NBR |
| Housing material | Die-cast aluminum |
| Diaphragm material | NBR |
| Separating disc material | POM |