

pressure regulator

MS4-LR-1/4-D7-AS-Z

Part number: 529420

FESTO

12 bar maximum output pressure, with pressure gauge, lockable regulator head, direction of flow: from right to left.



Data sheet

| Feature | Value |
|---|---|
| Size | 4 |
| Series | MS |
| Actuator lock | Rotary knob with lock with accessories, lockable |
| Assembly position | Any |
| Design structure | directly-controlled diaphragm regulator |
| Controller function | Output pressure constant with secondary exhaust with return flow |
| Pressure gauge | with pressure gauge |
| Operating pressure MPa | 0.08 ... 1.4 MPa |
| Operating pressure | 0.8 ... 14 bar |
| Pressure regulation range | 0.5 ... 12 bar |
| Max. pressure hysteresis (MPa) | 0.025 MPa |
| Max. pressure hysteresis | 0.25 bar 3.625 psi |
| Standard nominal flow rate | 1,700 l/min |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B1/B2-L |
| Storage temperature | -10 ... 60 °C |
| Food-safe | See Supplementary material information |
| Medium temperature | -10 ... 60 °C |
| Ambient temperature | -10 ... 60 °C |
| Product weight | 225 g |
| Mounting type | Front panel installation Line installation with accessories Optional |
| Pneumatic connection, port 1 | G1/4 |
| Pneumatic connection, port 2 | G1/4 |
| Materials note | Conforms to RoHS |
| Material of connecting plate | Aluminium die cast |
| Material control panel | PA POM |
| Material seals | NBR |
| Material housing | Aluminium die cast |
| Material membrane | NBR |