

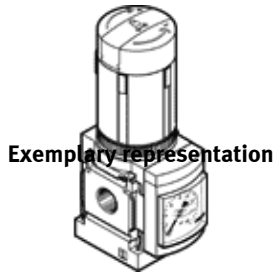
pressure regulator MS4-LR

Part number: 527690

★ Core product range

For manifold assembly, with G thread.

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|---|---|
| Size | 4 |
| Series | MS |
| Actuator lock | Rotary knob with lock Rotary knob with integrated lock with accessories, lockable |
| Assembly position | Any |
| Design structure | Pressure regulator with gauge |
| Controller function | Output pressure constant with secondary exhaust with return flow |
| Pressure gauge | Prepared for G1/4 Prepared for G1/8 with pressure sensor with pressure gauge |
| Operating pressure MPa | 0.08 ... 1.4 MPa |
| Operating pressure | 0.8 ... 14 bar |
| Pressure regulation range | 0.3 ... 12 bar |
| Max. pressure hysteresis (MPa) | 0.025 MPa |
| Max. pressure hysteresis | 0.25 bar 3.625 psi |
| Standard nominal flow rate | 1,000 ... 2,200 l/min |
| Authorisation | c UL us - Recognized (OL) |
| CE mark (see declaration of conformity) | to EU directive explosion protection (ATEX) |
| UKCA marking (see declaration of conformity) | To UK EX instructions |
| Explosion protection certification outside the EU | EPL Db (GB) EPL Gb (GB) |
| ATEX category Gas | II 2G |
| ATEX category Dust | II 2D |
| Explosion ignition protection type Gas | Ex h IIC T6 Gb X |
| Explosion ignition protection type Dust | Ex h IIIC T60°C Db X |
| Explosion-proof ambient temperature | -10°C ≤ Ta ≤ +60°C |
| 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 |

| Feature | Value |
|------------------------------|---|
| Mounting type | Front panel installation Line installation with accessories Optional |
| Materials note | Conforms to RoHS |
| Material of connecting plate | Aluminium die cast |
| Material seals | NBR |
| Material housing | Aluminium die cast |
| Material membrane | NBR |