

Filter regulator MS4-LFR-1/4-D6-C-P-M-AG-BAR-B

Part number: 8098257

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Size | 4 |
| Series | MS |
| Actuator lock | Rotary knob with detent |
| Mounting position | Vertical $\pm 5^\circ$ |
| Grade of filtration | 5 μm |
| Condensate drain | Manual, rotating |
| Structural design | Directly controlled piston regulator |
| Max. condensate volume | 16.5 ml |
| Controller function | Constant output pressure With secondary exhausting With return flow characteristic |
| Degree of condensate separation | $>75\%$ |
| Symbol | 00991589 |
| Displayable unit(s) | bar psi |
| Pressure gauge | with pressure gauge |
| Operating pressure | 0.1 MPa ... 1 MPa |
| Operating pressure | 1 bar ... 10 bar |
| Pressure regulation range | 0.3 bar ... 7 bar |
| Max. pressure hysteresis | 0.05 MPa |
| Max. pressure hysteresis | 0.5 bar |
| Max. pressure hysteresis | 7.25 psi |
| Normal nominal flow rate (normalized to DIN 1343) | 1500 l/min |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gases |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 7 according to ISO 14644-1 |
| Storage temperature | -5 °C ... 50 °C |
| Air quality class at the output | Compressed air as per ISO 8573-1:2010 [6:4:4] |
| Temperature of medium | -5 °C ... 50 °C |
| Ambient temperature | -5 °C ... 50 °C |
| Pore size | $<5\ \mu\text{m}$ |
| Product weight | 207 g |
| Type of mounting | With accessories |

| Feature | Value |
|--------------------------------|--------------------------------------|
| Pneumatic connection 1 | G1/4 |
| Pneumatic connection 2 | G1/4 |
| Note on materials | RoHS compliant |
| Seals material | NBR |
| Rotary knob material | POM |
| Material of spring | High-alloy steel Galvanized steel |
| Compressed air filter material | Protective grounding |
| Housing material | PA-reinforced |
| Material of bowl | PC |
| Valve tappet material | POM |