

Filter regulator MS4-LFR-1/8-D7-E-R-M-VS

Part number: 8232859

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Size | 4 |
| Series | MS |
| Actuator lock | Rotary knob with detent |
| Mounting position | Vertical +/-5° |
| Grade of filtration | 40 µm |
| Condensate drain | Manual, rotating |
| Design | Filter regulator without pressure gauge |
| Max. condensate volume | 19 ml |
| Controller function | Output pressure constant With secondary exhausting With return flow function |
| Bowl guard | Plastic bowl guard |
| Degree of condensate separation | >75 % |
| Symbol | 00991589 |
| Operating pressure | 0.08 MPa ... 1.4 MPa |
| Operating pressure | 0.8 bar ... 14 bar |
| Pressure regulation range | 0.5 bar ... 12 bar |
| Max. pressure hysteresis | 0.025 MPa |
| Max. pressure hysteresis | 0.25 bar |
| Max. pressure hysteresis | 3.625 psi |
| Standard nominal flow rate (standardised to DIN 1343) | 900 l/min |
| Operating medium | Compressed air to ISO 8573-1:2010 [-:4:] Inert gas |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -10 °C ... 60 °C |
| Suitable for use with food | See supplementary material information |
| Air purity class at output | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Media temperature | -10 °C ... 60 °C |
| Ambient temperature | -10 °C ... 60 °C |
| Pore size | <40 µm |
| Product weight | 275 g |
| Type of mounting | With accessories |
| Pneumatic connection, port 1 | G1/8 |
| Pneumatic connection, port 2 | G1/8 |

| Feature | Value |
|---------------------------|---------------------------|
| Note on materials | RoHS compliant |
| Material sub-base | Die-cast aluminium |
| Material control panel | Process automation POM |
| Material seals | NBR |
| Material filter | Packaging unit |
| Material housing | Die-cast aluminium |
| Material membrane | NBR |
| Material bowl | Makrolon® |
| Material separating plate | POM |