

Filter regulator MS9-LFR-G-D6-EUM-DI-AG-BAR-AS

Part number: 564112

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Size | 9 |
| Series | MS |
| Actuator lock | can be closed with accessories |
| Mounting position | Vertical +/-5° |
| Grade of filtration | 40 µm |
| Condensate drain | Manual, rotating |
| Design | Directly actuated filter diaphragm regulator |
| Max. condensate volume | 220 ml |
| Controller function | Output pressure constant With primary pressure compensation With secondary exhausting With return flow function |
| Degree of condensate separation | >75 % |
| Symbol | 00991589 |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | With pressure gauge |
| Operating pressure | 1 bar ... 20 bar |
| Pressure regulation range | 0.5 bar ... 7 bar |
| Max. pressure hysteresis | 0.4 bar |
| Operating medium | Inert gas |
| Corrosion resistance class CRC | 2 - Moderate 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 | -10 °C ... 60 °C |
| 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 | 2400 g |
| Type of mounting | With accessories |
| Material covering | Reinforced PA |
| Material spin disc | POM |
| Material filter carrier | POM |
| Note on materials | RoHS compliant |
| Material sub-base | Die-cast aluminium |
| Material mounting bracket | Die-cast aluminium |

| Feature | Value |
|---------------------------|---------------------------------------|
| Material filter | Packaging unit |
| Material housing | Die-cast aluminium |
| Material module connector | Die-cast aluminium |
| Material membrane | NBR |
| Material bowl | Wrought aluminium alloy |
| Material cup seal | NBR |
| Material screen | Process automation |
| Material separating plate | POM |
| Material valve stem | Wrought aluminium alloy NBR POM |