

Filter regulator MS4-LFR-1/4-D7-CRM-AS

Part number: 529152

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---------------------------------------------------|------------------------------------------------------------------------------------------|
| Size | 4 |
| Series | MS |
| Actuator lock | Rotary knob with detent can be closed with accessories |
| Mounting position | Vertical $\pm 5^\circ$ |
| Grade of filtration | 5 μm |
| Condensate drain | Manual, rotating |
| Structural design | Filter regulator with pressure gauge |
| Max. condensate volume | 19 ml |
| Controller function | Constant output pressure With secondary exhausting With return flow characteristic |
| Bowl guard | Plastic bowl guard |
| Degree of condensate separation | $>75\%$ |
| Symbol | 00991589 |
| Pressure gauge | with pressure gauge |
| 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 | 0.25 bar |
| Normal nominal flow rate (normalized to DIN 1343) | 1200 l/min |
| Operating medium | Inert gases |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -10 $^\circ\text{C}$... 60 $^\circ\text{C}$ |
| For use in the food industry | See supplementary material information |
| Air quality class at the output | Compressed air as per ISO 8573-1:2010 [6:4:4] |
| Temperature of medium | -10 $^\circ\text{C}$... 60 $^\circ\text{C}$ |
| Ambient temperature | -10 $^\circ\text{C}$... 60 $^\circ\text{C}$ |
| Pore size | $<5\ \mu\text{m}$ |
| Product weight | 275 g |
| Type of mounting | With accessories |
| Pneumatic connection 1 | G1/4 |
| Pneumatic connection 2 | G1/4 |
| Note on materials | RoHS compliant |

| Feature | Value |
|--------------------------------|----------------------|
| Material of sub-base | Die-cast aluminum |
| Material of operator panel | PA POM |
| Seals material | NBR |
| Compressed air filter material | Protective grounding |
| Housing material | Die-cast aluminum |
| Diaphragm material | NBR |
| Material of bowl | PC |
| Separating disc material | POM |