

Filter regulator MS9-LFR-NG-D6-CUV-DI-AG-PSI-AS

Part number: 564129

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 | 5 µm |
| Condensate drain | Fully automatic |
| Structural design | Directly controlled compressed air filter diaphragm regulator |
| Max. condensate volume | 220 ml |
| Controller function | Outlet pressure constant With primary pressure compensation With secondary exhausting With return flow function |
| Degree of condensate separation | >75 % |
| Symbol | 00991587 |
| Pressure gauge | with pressure gauge |
| Operating pressure | 2 bar ... 12 bar |
| Pressure regulation range | 0.5 bar ... 7 bar |
| Max. pressure hysteresis | 0.4 bar |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:-] 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 | 5 °C ... 60 °C |
| Air quality class at the output | Compressed air as per ISO 8573-1:2010 [6:4:4] |
| Temperature of medium | -10 °C ... 60 °C |
| Ambient temperature | -10 °C ... 60 °C |
| Pore size | 5 µm |
| Product weight | 2400 g |
| Type of mounting | With accessories |
| Covering material | PA-reinforced |
| Material of spin disc | POM |
| Material of filter support | POM |
| Note on materials | RoHS-compliant |
| Material of sub-base | Die-cast aluminum |
| Material of mounting bracket | Die-cast aluminum |

| Feature | Value |
|--------------------------------|--------------------------------------|
| Compressed air filter material | PE |
| Housing material | Die-cast aluminum |
| Module connector material | Die-cast aluminum |
| Diaphragm material | NBR |
| Material of bowl | Wrought aluminum alloy |
| Shell sealing material | NBR |
| Inspection window material | PA |
| Separating disc material | POM |
| Valve tappet material | Wrought aluminum alloy NBR POM |