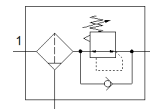


filter regulator

MS6-LFR-1/2-D6-E-P-M-A8-F1A-B

Part number: 8175821

FESTO



Data sheet

| Feature | Value |
|---|---|
| Size | 6 |
| Series | MS |
| Actuator lock | Rotary knob with lock |
| Assembly position | Vertical +/- 5° |
| Grade of filtration | 40 µm |
| Condensate drain | manual rotary |
| Design structure | Filter regulator without pressure gauge directly-controlled piston regulator |
| Max. condensate volume | 27.3 ml |
| Controller function | Output pressure constant with secondary exhaust with return flow |
| Pressure gauge | Prepared for G1/8 |
| Operating pressure MPa | 0.1 ... 1 MPa |
| Operating pressure | 1 ... 10 bar |
| Pressure regulation range | 0.3 ... 7 bar |
| Max. pressure hysteresis (MPa) | 0.035 MPa |
| Max. pressure hysteresis | 0.35 bar 5.075 psi |
| Standard nominal flow rate | 5,300 l/min |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases |
| Note on operating and pilot medium | Compatibility with ester oil not guaranteed |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| PWIS conformity | VDMA24364-B1/B2-L |
| RSBP classification to CD-0033 | F1a |
| Cleanroom class | ISO class 7 |
| Storage temperature | -5 ... 50 °C |
| Air purity class at output | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Medium temperature | -5 ... 50 °C |
| Ambient temperature | -5 ... 50 °C |
| Product weight | 578 g |
| Mounting type | Front panel installation Line installation with accessories Optional |
| Pneumatic connection, port 1 | G1/2 |
| Pneumatic connection, port 2 | G1/2 |
| Materials note | Conforms to RoHS |
| Material seals | NBR |
| Material rotary knob | POM |
| Material spring | High alloy steel, non-corrosive |
| Material filter | PE |
| Material housing | PA-reinforced |
| Material bowl | PC |
| Material valve stem | POM |