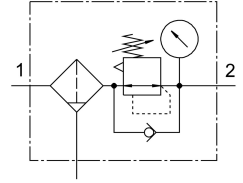


Compressed air filter regulator MS2-LFR-QS6-D6-C-P-M-AR-BAR-B

FESTO

Part number: 8086644



Data sheet

| Feature | Value |
|----------------------------------|--|
| Size | 2 |
| Series | MS |
| Actuator lock | Rotary knob with detent |
| Mounting position | Vertical +/- 5° |
| Grade of filtration | 5 µm |
| Condensate drain | Manually rotating |
| Structural design | Filter regulator with pressure gauge |
| Max. condensate volume | 3 ml |
| Controller function | Outlet pressure constant With secondary exhausting With return flow function |
| Displayable unit(s) | bar psi |
| Pressure gauge | with pressure gauge |
| Operating pressure | 0.1 MPa...0.8 MPa 1 bar...8 bar |
| Pressure regulation range | 0.5 bar...7 bar |
| Max. pressure hysteresis | 0.025 MPa 0.25 bar 3.625 psi |
| Standard nominal flow rate | 310 l/min |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Cleanroom class | Class 7 according to ISO 14644-1 |
| Storage temperature | -5 °C...50 °C |
| Air quality class at the output | Compressed air as per ISO 8573-1:2010 [6:4:4] |
| Temperature of medium | -5 °C...50 °C |
| Ambient temperature | -5 °C...50 °C |
| Product weight | 43.5 g |

| Feature | Value |
|--------------------------------|--|
| Type of mounting | Optionally: Front panel mounting Line installation With accessories |
| Pneumatic connection 1 | QS-6 |
| Pneumatic connection 2 | QS-6 |
| Note on materials | RoHS-compliant |
| Seals material | NBR |
| Rotary knob material | POM |
| Material of spring | High-alloy steel |
| Compressed air filter material | PE |
| Housing material | PA-reinforced |
| Diaphragm material | NBR |
| Material of bowl | PC |
| Separating disc material | POM |
| Valve tappet material | Wrought aluminum alloy NBR |