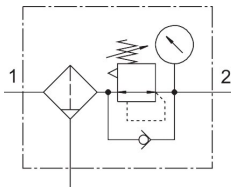
# Filter regulator
# MS6-LFR-1/2-D7-ERM-AS-Z

Part number: 529189






## Data sheet

| Feature | Value |
|---|---|
| Size | 6 |
| Series | MS |
| Actuator lock | Rotary knob with detent<br>can be closed with accessories |
| Mounting position | Vertical +/-5° |
| Grade of filtration | 40 µm |
| Condensate drain | Manual, rotating |
| Design | Filter regulator with pressure gauge |
| Max. condensate volume | 38 ml |
| Controller function | Output pressure constant<br>With secondary exhausting |
| Bowl guard | Plastic bowl guard |
| Degree of condensate separation | 75 % |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | With pressure gauge |
| Operating pressure | 0.08 MPa...2 MPa<br>0.8 bar...20 bar |
| Pressure regulation range | 0.5 bar...12 bar |
| Max. pressure hysteresis | 0.025 MPa<br>0.25 bar<br>3.625 psi |
| Standard nominal flow rate (standardised to DIN 1343) | 4500 l/min |
| Operating medium | Compressed air to ISO 8573-1:2010 [-:4:-]<br>Inert gas |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -10 °C...60 °C |
| Suitable for use with food | See supplementary material information |
| 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 | 875 g |
| Type of mounting | Either: |

| Feature | Value |
|---|---|
| | Front panel mounting<br>Inline installation<br>With accessories |
| Pneumatic connection, port 1 | G1/2 |
| Pneumatic connection, port 2 | G1/2 |
| Note on materials | RoHS compliant |
| Material control panel | PA<br>POM |
| Material seals | NBR |
| Material filter | Packaging unit |
| Material housing | Die-cast aluminium |
| Material membrane | NBR |
| Material bowl | Makrolon® |
| Material separating plate | POM |