

# Filter regulator MS6-LFR-1/2-D6-ERM-AS-Z

Part number: 529181

FESTO



 General operating condition

## 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                                  | Manually rotating   |
| Structural design                                 | Filter regulator with pressure gauge                      |
| Max. condensate volume                            | 38 ml   |
| Controller function                               | Outlet pressure constant<br>With secondary exhausting     |
| Bowl guard  | Plastic bowl guard  |
| Degree of condensate separation                   | >75 %   |
| Symbol  | 00991589  |
| Pressure gauge                                    | with pressure gauge                                       |
| Operating pressure                                | 0.08 MPa ... 2 MPa  |
| Operating pressure                                | 0.8 bar ... 20 bar  |
| Pressure regulation range                         | 0.3 bar ... 7 bar   |
| Max. pressure hysteresis                          | 0.025 MPa   |
| Max. pressure hysteresis                          | 0.25 bar  |
| Max. pressure hysteresis                          | 3.625 psi   |
| Normal nominal flow rate (normalized to DIN 1343) | 6200 l/min  |
| Operating medium                                  | Inert gas   |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress                             |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L   |
| Storage temperature                               | -10 °C ... 60 °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 [7:4:4]             |
| Temperature of medium                             | -10 °C ... 60 °C  |
| Ambient temperature                               | -10 °C ... 60 °C  |
| Pore size   | <40 µm  |
| Product weight                                    | 875 g   |
| Type of mounting                                  | With accessories  |
| Pneumatic connection 1                            | G1/2  |
| Pneumatic connection 2                            | G1/2  |

| <b>Feature</b>                 | <b>Value</b>      |
|--------------------------------|-------------------|
| Note on materials              | RoHS-compliant    |
| Material of operator panel     | PA<br>POM         |
| Seals material                 | NBR               |
| Compressed air filter material | PE                |
| Housing material               | Die-cast aluminum |
| Diaphragm material             | NBR               |
| Material of bowl               | PC                |
| Separating disc material       | POM               |