

# Filter regulator MS6-LFR-1/2-D6-ERV-RG-AS

Part number: 8190245

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                                  | Manual, non-detenting                                      |
| 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  | 00991587   |
| Pressure gauge                                    | Red-green scale  |
| Operating pressure                                | 0.2 MPa ... 1.2 MPa  |
| Operating pressure                                | 2 bar ... 12 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                                  | Compressed air as per ISO 8573-1:2010 [7:4:-]<br>Inert gas |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress                              |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L  |
| Storage temperature                               | -10 °C ... 60 °C   |
| 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               |