

# Filter regulator MS6N-LFR-1/4-D7-CRM-AS

Part number: 531281

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                                   | 5 µm  |
| Condensate drain                                      | Manually rotating   |
| Design  | Filter regulator with pressure gauge                      |
| Max. condensate volume                                | 38 ml   |
| Controller function                                   | Output pressure constant<br>With secondary venting        |
| Bowl guard  | Plastic bowl guard  |
| Degree of condensate separation                       | >75 %   |
| Symbol  | 00991589  |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | With pressure gauge                                       |
| Operating pressure                                    | 0.08 MPa ... 2 MPa  |
| Operating pressure                                    | 0.8 bar ... 20 bar  |
| Pressure regulation range                             | 0.5 bar ... 12 bar  |
| Max. pressure hysteresis                              | 0.025 MPa   |
| Max. pressure hysteresis                              | 0.25 bar  |
| Max. pressure hysteresis                              | 3.625 psi   |
| Standard nominal flow rate (standardised to DIN 1343) | 2200 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  |
| Suitable for use with food                            | See supplementary material information                    |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [6:4:4]                 |
| Media temperature                                     | -10 °C ... 60 °C  |
| Ambient temperature                                   | -10 °C ... 60 °C  |
| Pore size   | <5 µm   |
| Product weight  | 875 g   |
| Type of mounting                                      | With accessories  |
| Pneumatic connection, port 1                          | 1/4 NPT   |
| Pneumatic connection, port 2                          | 1/4 NPT   |

| <b>Feature</b>            | <b>Value</b>       |
|---------------------------|--------------------|
| Note on materials         | RoHS-compliant     |
| Material control panel    | PA<br>POM          |
| Material seals            | NBR                |
| Material filter           | PE                 |
| Material housing          | Die-cast aluminium |
| Material membrane         | NBR                |
| Material bowl             | PC                 |
| Material separating plate | POM                |