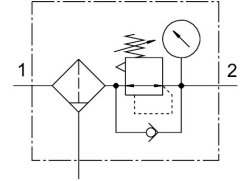


# Filter regulator MS6-LFR-1/2-D6-E-R-M-RG-AS

Part number: 589898

**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                                         |
| 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) | Red/green scale                                           |
| 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                                                 |
| Standard nominal flow rate (standardised to DIN 1343) | 6200 l/min                                                |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [-:4:-]<br>Inert gases  |
| 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                                                     |

| Feature                      | Value                                                                       |
|------------------------------|-----------------------------------------------------------------------------|
| Type of mounting             | Front panel mounting<br>In-line installation<br>With accessories<br>Either: |
| 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              | PE                                                                          |
| Material housing             | Die-cast aluminium                                                          |
| Material membrane            | NBR                                                                         |
| Material bowl                | PC                                                                          |
| Material separating plate    | POM                                                                         |