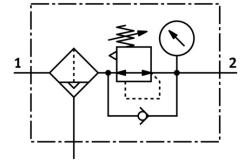


# Filter regulator MS6-LFR-1/4-D7-ERV-AS

Part number: 529210

FESTO



[PDF](#) 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                                      | Fully automatic                                                             |
| 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                                                          |
| Symbol                                                | 00991587                                                                    |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | With pressure gauge                                                         |
| Operating pressure                                    | 0.2 MPa ... 1.2 MPa                                                         |
| Operating pressure                                    | 2 bar ... 12 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                            | 2500 l/min                                                                  |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [7:4:-]<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                                                            |
| Product weight                                        | 875 g                                                                       |
| Type of mounting                                      | Either:<br>Front panel mounting<br>In-line installation<br>With accessories |
| Pneumatic connection, port 1                          | G1/4                                                                        |

| Feature                      | Value              |
|------------------------------|--------------------|
| Pneumatic connection, port 2 | G1/4               |
| 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                |