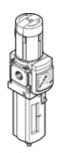
## filter regulator MS4-LFR-1/8-D7-ERM-AS Part number: 529172

**FESTO** 

12 bar maximum output pressure, 40  $\mu$ m filter, with pressure gauge, lockable regulator head, plastic bowl with plastic bowl guard, manual condensate drain, direction of flow: from left to right.





## **Data sheet**

| Feature                                 | Value  |
|---|--|
| Size                                    | 4  |
| Series                                  | MS   |
| Actuator lock                           | Rotary knob with lock                                    |
|   | with accessories, lockable                               |
| Assembly position                       | Vertical +/- 5°  |
| Grade of filtration                     | 40 μm  |
| Condensate drain                        | manual rotary  |
| Design structure                        | Filter regulator with pressure gauge                     |
| Max. condensate volume                  | 19 ml  |
| Controller function                     | Output pressure constant                                 |
|   | with secondary exhaust                                   |
|   | with return flow   |
| Bowl guard                              | Plastic guard  |
| Pressure gauge                          | with pressure gauge                                      |
| Operating pressure MPa                  | 0.08 1.4 MPa   |
| Operating pressure                      | 0.8 14 bar   |
| Pressure regulation range               | 0.5 12 bar   |
| Max. pressure hysteresis                | 0.25 bar   |
| Standard nominal flow rate              | 900 l/min  |
| Operating medium                        | Compressed air to ISO 8573-1:2010 [-:4:-]                |
|   | Inert gases  |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress                            |
| PWIS conformity                         | VDMA24364-B1/B2-L  |
| Storage temperature                     | -10 60 °C  |
| Food-safe                               | See Supplementary material information                   |
| Air purity class at output              | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Medium temperature                      | -10 60 °C  |
| Ambient temperature                     | -10 60 °C  |
| Product weight                          | 275 g  |
| Mounting type                           | Front panel installation                                 |
|   | Line installation  |
|   | with accessories   |
|   | Optional   |
| Pneumatic connection, port 1            | G1/8   |
| Pneumatic connection, port 2            | G1/8   |
| Materials note                          | Conforms to RoHS   |
| Material of connecting plate            | Aluminium die cast                                       |
| Material control panel                  | PA   |
|   | POM  |
| Material seals                          | NBR  |
| Material filter                         | PE   |
| Material housing                        | Aluminium die cast                                       |
| Material membrane                       | NBR  |
| Material bowl                           | PC   |
| Material separating plate               | POM  |