

# Filter regulator MS4-LFR-1/8-D6-ERM-AS

Part number: 529164

FESTO

7 bar maximum output pressure, 40 µm 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                                 | values                                                                        |
|-----------------------------------------|-------------------------------------------------------------------------------|
| Size                                    | 4                                                                             |
| Series                                  | MS                                                                            |
| Actuator lock                           | Rotary knob with lock<br>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<br>with secondary exhaust<br>with return flow        |
| Bowl guard                              | Plastic guard                                                                 |
| Pressure gauge                          | with pressure gauge                                                           |
| Working pressure                        | 0.8 ... 14 bar                                                                |
| Pressure regulation range               | 0.3 ... 7 bar                                                                 |
| Max. pressure hysteresis                | 0.25 bar                                                                      |
| Standard nominal flow rate              | 1,000 l/min                                                                   |
| Operating medium                        | Compressed air to ISO 8573-1:2010 [-:4:-]<br>Inert gases                      |
| Corrosion resistance classification CRC | 2                                                                             |
| Storage temperature                     | -10 ... 60 °C                                                                 |
| 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                           | Optional<br>Front panel installation<br>Line installation<br>with accessories |
| Pneumatic connection, port 1            | G1/8                                                                          |
| Pneumatic connection, port 2            | G1/8                                                                          |
| Materials note                          | Conforms to RoHS                                                              |
| Materials information for subbase       | Aluminum die cast                                                             |
| Materials information for control panel | POM<br>PA                                                                     |
| Materials information for seals         | NBR                                                                           |
| Materials information for filter        | PE                                                                            |
| Materials information, housing          | Aluminum die cast                                                             |
| Materials information for membrane      | NBR                                                                           |
| Materials information for bowl          | PC                                                                            |
| Material information, isolating disc    | POM                                                                           |