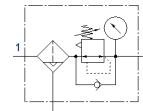


# filter regulator MS9-LFR-G-D7-EUV-AG-BAR-AS

Part number: 564119

FESTO

Maximum output pressure 12 bar, 40 µm filter, with pressure gauge, lockable regulator head, metal bowl guard, fully automatic condensate drain, flow direction from left to right.



## Data sheet

| Feature                                 | Value  |
|---|--|
| Size                                    | 9  |
| Series                                  | MS   |
| Actuator lock                           | with accessories, lockable   |
| Assembly position                       | Vertical +/- 5°  |
| Grade of filtration                     | 40 µm  |
| Condensate drain                        | fully automatic  |
| Design structure                        | Pilot-actuated filter diaphragm regulator  |
| Max. condensate volume                  | 220 ml   |
| Controller function                     | Output pressure constant<br>with initial pressure compensation<br>with secondary exhaust<br>with return flow |
| Pressure gauge                          | with pressure gauge  |
| Operating pressure                      | 2 ... 12 bar   |
| Pressure regulation range               | 0.5 ... 12 bar   |
| Max. pressure hysteresis                | 0.4 bar  |
| Operating medium                        | Compressed air in accordance with ISO8573-1:2010 [7:4:-]<br>Inert gases                                      |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress  |
| Storage temperature                     | 5 ... 60 °C  |
| Air purity class at output              | Compressed air in accordance with ISO8573-1:2010 [7:4:4]   |
| Medium temperature                      | 5 ... 60 °C  |
| Ambient temperature                     | 5 ... 60 °C  |
| Product weight                          | 2,400 g  |
| Mounting type                           | Line installation<br>with accessories<br>Optional  |
| Material of cover                       | PA-reinforced  |
| Material of spin disc                   | POM  |
| Material of filter holder               | POM  |
| Materials note                          | Conforms to RoHS   |
| Material of connecting plate            | Aluminium die cast   |
| Material mounting bracket               | Aluminium die cast   |
| Material filter                         | PE   |
| Material housing                        | Aluminium die cast   |
| Material module connector               | Aluminium die cast   |
| Material membrane                       | NBR  |
| Material bowl                           | Wrought Aluminium alloy  |
| Material cup seal                       | NBR  |
| Material screen                         | PA   |
| Material separating plate               | POM  |
| Material valve stem                     | Wrought Aluminium alloy<br>NBR<br>POM  |