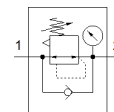
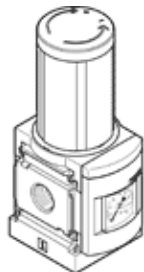


# pressure regulator MS6-LR-1/4-D7-AS

Part number: 529999

**FESTO**

12 bar maximum output pressure, with pressure gauge, lockable regulator head, direction of flow: from left to right.



## Data sheet

| Feature                                 | Value                                                                                    |
|-----------------------------------------|------------------------------------------------------------------------------------------|
| Size                                    | 6                                                                                        |
| Series                                  | MS                                                                                       |
| Actuator lock                           | Rotary knob with lock<br>with accessories, lockable                                      |
| Assembly position                       | Any                                                                                      |
| Design structure                        | Pressure regulator with gauge                                                            |
| Controller function                     | Output pressure constant<br>with initial pressure compensation<br>with secondary exhaust |
| Pressure gauge                          | with pressure gauge                                                                      |
| Operating pressure                      | 0.8 ... 20 bar                                                                           |
| Pressure regulation range               | 0.5 ... 12 bar                                                                           |
| Max. pressure hysteresis                | 0.25 bar                                                                                 |
| Standard nominal flow rate              | 2,700 l/min                                                                              |
| Operating medium                        | Compressed air in accordance with ISO8573-1:2010 [7:4:4]<br>Inert gases                  |
| Note on operating and pilot medium      | Lubricated operation possible (subsequently required for further operation)              |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress                                                            |
| Storage temperature                     | -10 ... 60 °C                                                                            |
| Food-safe                               | See Supplementary material information                                                   |
| Medium temperature                      | -10 ... 60 °C                                                                            |
| Ambient temperature                     | -10 ... 60 °C                                                                            |
| Product weight                          | 730 g                                                                                    |
| Mounting type                           | Front panel installation<br>Line installation<br>with accessories<br>Optional            |
| Pneumatic connection, port 1            | G1/4                                                                                     |
| Pneumatic connection, port 2            | G1/4                                                                                     |
| Materials note                          | Conforms to RoHS                                                                         |
| Material control panel                  | PA<br>POM                                                                                |
| Material seals                          | NBR                                                                                      |
| Material filter                         | PE                                                                                       |
| Material housing                        | Aluminium die cast                                                                       |
| Material membrane                       | NBR                                                                                      |
| Material separating plate               | POM                                                                                      |