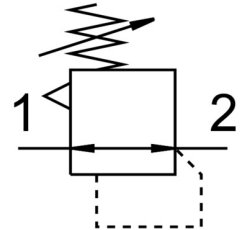
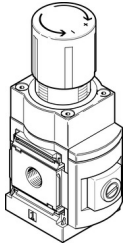


# Precision pressure regulator MS6-LRP-1/4-D4-A8

Part number: 538006

FESTO



## Data sheet

| Feature                                  | Value                                                                        |
|------------------------------------------|------------------------------------------------------------------------------|
| Size                                     | 6                                                                            |
| Type code                                | MS6-LRP                                                                      |
| Series                                   | MS                                                                           |
| Actuator lock                            | Rotary knob with detent                                                      |
| Mounting position                        | Any                                                                          |
| Structural design                        | Pilot-controlled precision diaphragm regulator                               |
| Controller function                      | Outlet pressure constant<br>With secondary exhausting                        |
| Symbol                                   | 00991540                                                                     |
| Pressure gauge                           | G1/8 prepared                                                                |
| Operating pressure                       | 0.1 MPa ... 1.4 MPa                                                          |
| Operating pressure                       | 1 bar ... 14 bar                                                             |
| Pressure regulation range                | 0.05 bar ... 2.5 bar                                                         |
| Max. pressure hysteresis                 | 0.02 bar                                                                     |
| Flow rate of secondary venting           | ≥450 l/min                                                                   |
| Standard nominal flow rate               | ≥1100 l/min                                                                  |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gas                   |
| Information on operating and pilot media | Operation with oil lubrication not possible                                  |
| Corrosion resistance class (CRC)         | 2 - Moderate corrosion stress                                                |
| Storage temperature                      | -10 °C ... 60 °C                                                             |
| Temperature of medium                    | -10 °C ... 60 °C                                                             |
| Ambient temperature                      | -10 °C ... 60 °C                                                             |
| Product weight                           | 1000 g                                                                       |
| Type of mounting                         | Optionally:<br>Front panel mounting<br>Line installation<br>With accessories |
| Pneumatic connection 1                   | G1/4                                                                         |
| Pneumatic connection 2                   | G1/4                                                                         |
| Pneumatic connection 3                   | G1/4                                                                         |
| Note on materials                        | Free of copper and PTFE<br>RoHS-compliant                                    |
| Seals material                           | NBR                                                                          |
| Housing material                         | Aluminum                                                                     |