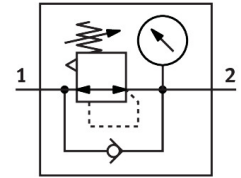


# Pressure regulator MS4-LR-1/4-D6-AG-MPA-B

Part number: 8099359

**FESTO**



 General operating condition

## Data sheet

| Feature                                               | Value                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Size                                                  | 4                                                                                          |
| Series                                                | MS                                                                                         |
| Actuator lock                                         | Rotary knob with detent                                                                    |
| Mounting position                                     | optional                                                                                   |
| Design                                                | Pressure regulator with pressure gauge<br>Directly actuated piston regulator               |
| Controller function                                   | Output pressure constant<br>With secondary venting<br>With return flow function            |
| Symbol                                                | 00991558                                                                                   |
| Displayable units                                     | MPa                                                                                        |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | With pressure gauge                                                                        |
| Operating pressure                                    | 0.1 MPa ... 1 MPa                                                                          |
| Operating pressure                                    | 1 bar ... 10 bar                                                                           |
| Pressure regulation range                             | 0.3 bar ... 7 bar                                                                          |
| Max. pressure hysteresis                              | 0.05 MPa                                                                                   |
| Max. pressure hysteresis                              | 0.5 bar                                                                                    |
| Max. pressure hysteresis                              | 7.25 psi                                                                                   |
| Standard nominal flow rate (standardised to DIN 1343) | 1800 l/min                                                                                 |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gases                                   |
| Note on operating and pilot medium                    | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC                        | 1 - Low corrosion stress                                                                   |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L                                                                          |
| Cleanroom class                                       | Class 7 according to ISO 14644-1                                                           |
| Storage temperature                                   | -5 °C ... 50 °C                                                                            |
| Media temperature                                     | -5 °C ... 50 °C                                                                            |
| Ambient temperature                                   | -5 °C ... 50 °C                                                                            |
| Product weight                                        | 165 g                                                                                      |
| Type of mounting                                      | Either:<br>Front panel mounting<br>In-line installation<br>With accessories                |
| Pneumatic connection, port 1                          | G1/4                                                                                       |
| Pneumatic connection, port 2                          | G1/4                                                                                       |

| Feature                   | Value                                |
|---------------------------|--------------------------------------|
| Note on materials         | RoHS-compliant                       |
| Material underneath cover | PA                                   |
| Material seals            | NBR                                  |
| Material rotary knob      | POM                                  |
| Material spring           | High-alloy steel<br>Galvanised steel |
| Material housing          | PA-reinforced                        |
| Material valve stem       | POM                                  |