

# Pressure regulator MS4-LR-1/4-D5-VS-DM1

Part number: 611015

FESTO



 [General operating condition](#)

## Data sheet

| Feature   | Value  |
|---|--|
| Size  | 4  |
| Series  | MS   |
| Actuator lock                                     | Rotary knob with detent  |
| Mounting position                                 | Any  |
| Structural design                                 | Directly controlled diaphragm regulator  |
| Controller function                               | Constant output pressure<br>With secondary exhausting<br>With return flow characteristic |
| Symbol  | 00991559   |
| Pressure gauge                                    | With pressure gauge in the rotary knob   |
| Operating pressure                                | 0.08 MPa ... 1.4 MPa   |
| Operating pressure                                | 0.8 bar ... 14 bar   |
| Pressure regulation range                         | 0.3 bar ... 4 bar  |
| Max. pressure hysteresis                          | 0.04 MPa   |
| Max. pressure hysteresis                          | 0.4 bar  |
| Max. pressure hysteresis                          | 5.8 psi  |
| Normal nominal flow rate (normalized to DIN 1343) | 2100 l/min   |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gases                             |
| Information on operating and pilot media          | Operation with oil lubrication possible (required for further use)                       |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L  |
| Storage temperature                               | -10 °C ... 60 °C   |
| For use in the food industry                      | See supplementary material information   |
| Temperature of medium                             | -10 °C ... 60 °C   |
| Ambient temperature                               | -10 °C ... 60 °C   |
| Product weight                                    | 225 g  |
| Type of mounting                                  | With accessories   |
| Pneumatic connection 1                            | G1/4   |
| Pneumatic connection 2                            | G1/4   |
| Note on materials                                 | RoHS compliant   |
| Material of sub-base                              | Die-cast aluminum  |
| Material of operator panel                        | PA<br>POM  |
| Seals material                                    | NBR  |

| Feature            | Value             |
|--------------------|-------------------|
| Housing material   | Die-cast aluminum |
| Diaphragm material | NBR               |