

# Pressure regulator MS4-LR-1/4-D6-VS

Part number: 563023

**FESTO**



## 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 |
| Operating pressure                                | 0.08 MPa...1.4 MPa<br>0.8 bar...14 bar                                                   |
| Pressure regulation range                         | 0.3 bar...7 bar                                                                          |
| Max. pressure hysteresis                          | 0.025 MPa<br>0.25 bar<br>3.625 psi                                                       |
| Normal nominal flow rate (normalized to DIN 1343) | 1800 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                                  | Alternatively:<br>Front panel mounting<br>In-line installation<br>With accessories       |
| Pneumatic connection 1                            | G1/4                                                                                     |
| Pneumatic connection 2                            | G1/4                                                                                     |
| Note on materials                                 | RoHS compliant                                                                           |
| Material of sub-base                              | Die-cast aluminum                                                                        |

| Feature                    | Value             |
|----------------------------|-------------------|
| Material of operator panel | PA<br>POM         |
| Seals material             | NBR               |
| Housing material           | Die-cast aluminum |
| Diaphragm material         | NBR               |