

# Pressure regulator MS4-LR-1/4-D7-MPA

Part number: 8232810

**FESTO**



## Data sheet

| Feature                                           | Value                                                                              |
|---------------------------------------------------|------------------------------------------------------------------------------------|
| Size                                              | 4                                                                                  |
| Series                                            | MS                                                                                 |
| Actuator lock                                     | Rotary knob with detent                                                            |
| Mounting position                                 | Any                                                                                |
| Structural design                                 | Pressure regulator with pressure gauge                                             |
| Controller function                               | Outlet pressure constant<br>With secondary exhausting<br>With return flow function |
| Pressure gauge                                    | with pressure gauge                                                                |
| Operating pressure                                | 0.08 MPa...1.4 MPa<br>0.8 bar...14 bar                                             |
| Pressure regulation range                         | 0.5 bar...12 bar                                                                   |
| Max. pressure hysteresis                          | 0.025 MPa<br>0.25 bar<br>3.625 psi                                                 |
| Normal nominal flow rate (normalized to DIN 1343) | 1700 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 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                                  | Optionally:<br>Front panel mounting<br>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               |