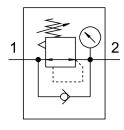
## Pressure regulator MS4-LR-1/8-D6-AS-Z Part number: 529424

## **FESTO**





## **Data sheet**

| Feature   | Value  |
|---|--|
| Size  | 4  |
| Series  | MS   |
| Actuator lock   | Rotary knob with detent<br>can be closed with accessories                                  |
| Mounting position                                     | optional   |
| Design  | Directly actuated diaphragm regulator  |
| Controller function                                   | Output pressure constant<br>With secondary venting<br>With return flow function            |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | With pressure gauge  |
| Operating pressure                                    | 0.08 MPa1.4 MPa<br>0.8 bar14 bar   |
| Pressure regulation range                             | 0.3 bar7 bar   |
| Max. pressure hysteresis                              | 0.025 MPa<br>0.25 bar<br>3.625 psi   |
| Standard nominal flow rate                            | 1150 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                        | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L  |
| Storage temperature                                   | -10 °C60 °C  |
| Suitable for use with food                            | See supplementary material information   |
| Media temperature                                     | -10 °C60 °C  |
| Ambient temperature                                   | -10 °C60 °C  |
| Product weight  | 225 g  |
| Type of mounting                                      | Either:<br>Front panel mounting<br>In-line installation<br>With accessories                |
| Pneumatic connection, port 1                          | G1/8   |

| Feature                      | Value              |
|------------------------------|--------------------|
| Pneumatic connection, port 2 | G1/8               |
| Note on materials            | RoHS-compliant     |
| Material sub-base            | Die-cast aluminium |
| Material control panel       | PA<br>POM          |
| Material seals               | NBR                |
| Material housing             | Die-cast aluminium |
| Material membrane            | NBR                |