

# Pressure regulator MS4-LRB-1/4-D6-A8-AS

Part number: 529477

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Size  | 4  |
| Series  | MS   |
| Actuator lock   | Rotary knob with detent<br>can be closed with accessories  |
| Mounting position                                     | Any  |
| Design  | Directly actuated diaphragm regulator<br>With through compressed air supply  |
| Controller function                                   | Output pressure constant<br>With primary pressure compensation<br>With secondary exhausting<br>With return flow function |
| Symbol  | 00995252   |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/8  |
| Operating pressure                                    | 0.8 bar ... 14 bar   |
| Pressure regulation range                             | 0.3 bar ... 7 bar  |
| Max. pressure hysteresis                              | 0.25 bar   |
| Standard nominal flow rate (standardised to DIN 1343) | 1700 l/min   |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gas   |
| Note on operating and pilot medium                    | Lubricated operation possible (in which case lubricated operation will<br>always be required)                            |
| Corrosion resistance class CRC                        | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L  |
| Storage temperature                                   | -10 °C ... 60 °C   |
| Suitable for use with food                            | See supplementary material information   |
| Media temperature                                     | -10 °C ... 60 °C   |
| Ambient temperature                                   | -10 °C ... 60 °C   |
| Product weight  | 222 g  |
| Type of mounting                                      | With accessories   |
| Pneumatic connection, port 1                          | G1/4   |
| Pneumatic connection, port 2                          | G1/4   |
| Note on materials                                     | RoHS compliant   |
| Material sub-base                                     | Die-cast aluminium   |
| Material control panel                                | Process automation<br>POM  |
| Material seals  | NBR  |

| <b>Feature</b>    | <b>Value</b>       |
|-------------------|--------------------|
| Material housing  | Die-cast aluminium |
| Material membrane | NBR                |