

# Pressure regulator LR-1-D-7-MAXI-MPA

Part number: 8002295

**FESTO**



## Data sheet

| Feature                                           | Value                                                              |
|---------------------------------------------------|--------------------------------------------------------------------|
| Size                                              | Maxi                                                               |
| Series                                            | D                                                                  |
| Actuator lock                                     | Rotary knob with detent                                            |
| Mounting position                                 | Any                                                                |
| Structural design                                 | Pilot-controlled piston control valve                              |
| Controller function                               | Constant output pressure<br>With secondary exhausting              |
| Pressure gauge                                    | with pressure gauge                                                |
| Operating pressure                                | 0 MPa...1.6 MPa<br>0 bar...16 bar                                  |
| Pressure regulation range                         | 0.5 bar...7 bar                                                    |
| Max. pressure hysteresis                          | 0.04 MPa<br>0.4 bar<br>5.8 psi                                     |
| Normal nominal flow rate (normalized to DIN 1343) | 12500 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                                                  |
| Air quality class at the output                   | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gases       |
| Temperature of medium                             | -10 °C...60 °C                                                     |
| Ambient temperature                               | -10 °C...60 °C                                                     |
| Product weight                                    | 1200 g                                                             |
| Type of mounting                                  | Front panel mounting<br>In-line installation<br>With accessories   |
| Pneumatic connection 1                            | G1                                                                 |
| Pneumatic connection 2                            | G1                                                                 |
| Note on materials                                 | RoHS compliant                                                     |
| Material of sub-base                              | Die-cast zinc                                                      |
| Seals material                                    | NBR                                                                |

| Feature          | Value         |
|------------------|---------------|
| Housing material | Die-cast zinc |