

# Pressure regulator LR-1/4-D-7-MIDI

Part number: 186453

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Midi  |
| Series  | D   |
| Actuator lock   | Rotary knob with detent   |
| Mounting position                                     | Any   |
| Design  | Directly actuated diaphragm regulator   |
| Controller function                                   | Output pressure constant<br>With primary pressure compensation<br>With secondary exhausting |
| Symbol  | 00991538  |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | With pressure gauge   |
| Operating pressure                                    | 0 MPa ... 1.6 MPa   |
| Operating pressure                                    | 0 bar ... 16 bar  |
| Pressure regulation range                             | 0.5 bar ... 7 bar   |
| Max. pressure hysteresis                              | 0.02 MPa  |
| Max. pressure hysteresis                              | 0.2 bar   |
| Max. pressure hysteresis                              | 2.9 psi   |
| Standard nominal flow rate (standardised to DIN 1343) | 2200 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 always be required)  |
| Corrosion resistance class CRC                        | 2 - Moderate corrosion stress   |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L   |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gas                                      |
| Media temperature                                     | -10 °C ... 60 °C  |
| Ambient temperature                                   | -10 °C ... 60 °C  |
| Product weight  | 720 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 zinc   |
| Material seals  | NBR   |
| Material housing                                      | Die-cast zinc   |