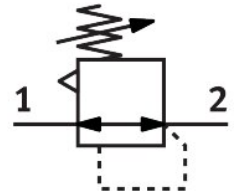


# Pressure regulator LR-1/4-D-O-MIDI

Part number: 186452

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                                  | Value                                                                                       |
|------------------------------------------|---------------------------------------------------------------------------------------------|
| Size                                     | Midi                                                                                        |
| Series                                   | D                                                                                           |
| Actuator lock                            | Rotary knob with detent                                                                     |
| Mounting position                        | Any                                                                                         |
| Structural design                        | Directly controlled diaphragm regulator                                                     |
| Controller function                      | Outlet pressure constant<br>With primary pressure compensation<br>With secondary exhausting |
| Symbol                                   | 00991540                                                                                    |
| Pressure gauge                           | G1/4 prepared                                                                               |
| Operating pressure                       | 0 MPa ... 1.6 MPa                                                                           |
| Operating pressure                       | 0 bar ... 16 bar                                                                            |
| Pressure regulation range                | 0.5 bar ... 12 bar                                                                          |
| Max. pressure hysteresis                 | 0.02 MPa                                                                                    |
| Max. pressure hysteresis                 | 0.2 bar                                                                                     |
| Max. pressure hysteresis                 | 2.9 psi                                                                                     |
| Standard nominal flow rate               | 2100 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                                                                           |
| Air quality class at the output          | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gas                                  |
| Temperature of medium                    | -10 °C ... 60 °C                                                                            |
| Ambient temperature                      | -10 °C ... 60 °C                                                                            |
| Product weight                           | 660 g                                                                                       |
| Type of mounting                         | With accessories                                                                            |
| Pneumatic connection 1                   | G1/4                                                                                        |
| Pneumatic connection 2                   | G1/4                                                                                        |
| Note on materials                        | RoHS-compliant                                                                              |
| Material of sub-base                     | Die-cast zinc                                                                               |
| Seals material                           | NBR                                                                                         |
| Housing material                         | Die-cast zinc                                                                               |