

# Pressure regulator LRS-1/8-D-7-MINI

Part number: 194606

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Mini  |
| Series  | D   |
| Actuator lock                                     | Rotary knob with integrated lock  |
| Mounting position                                 | Any   |
| Structural design                                 | Directly controlled diaphragm regulator   |
| Controller function                               | Constant output pressure<br>With primary pressure compensation<br>With secondary exhausting |
| Symbol  | 00991538  |
| Pressure gauge                                    | with pressure gauge   |
| Operating pressure                                | 0.1 MPa ... 1.6 MPa   |
| Operating pressure                                | 1 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   |
| Normal nominal flow rate (normalized to DIN 1343) | 1000 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)                          |
| 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                                    | 520 g   |
| Type of mounting                                  | With accessories  |
| Pneumatic connection 1                            | G1/8  |
| Pneumatic connection 2                            | G1/8  |
| Note on materials                                 | RoHS compliant  |
| Material of sub-base                              | Die-cast zinc   |
| Seals material                                    | NBR   |
| Housing material                                  | Die-cast zinc   |