

# Pressure regulator LRS-1/2-D-O-DI-MAXI

Part number: 194671

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Size  | Maxi   |
| 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<br>With return flow function |
| Symbol  | 00991559   |
| Pressure gauge                                    | G1/4 prepared  |
| Operating pressure                                | 0.1 MPa ... 1.6 MPa  |
| Operating pressure                                | 1 bar ... 16 bar   |
| Pressure regulation range                         | 0.5 bar ... 12 bar   |
| Max. pressure hysteresis                          | 0.04 MPa   |
| Max. pressure hysteresis                          | 0.4 bar  |
| Max. pressure hysteresis                          | 5.8 psi  |
| Normal nominal flow rate (normalized to DIN 1343) | 5400 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 gas   |
| Temperature of medium                             | -10 °C ... 60 °C   |
| Ambient temperature                               | -10 °C ... 60 °C   |
| Product weight                                    | 1610 g   |
| Type of mounting                                  | With accessories   |
| Pneumatic connection 1                            | G1/2   |
| Pneumatic connection 2                            | G1/2   |
| Note on materials                                 | RoHS-compliant   |
| Material of sub-base                              | Die-cast zinc  |
| Seals material                                    | NBR  |
| Housing material                                  | Die-cast zinc  |

| Feature            | Value |
|--------------------|-------|
| Diaphragm material | NBR   |