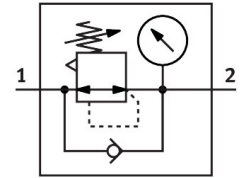


# Pressure regulator LR-1-D-MAXI

Part number: 159627

**FESTO**



 General operating condition

## 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                      | Outlet pressure constant<br>With secondary exhausting              |
| Symbol                                   | 00991558                                                           |
| Pressure gauge                           | with pressure gauge                                                |
| Operating pressure                       | 0 MPa ... 1.6 MPa                                                  |
| Operating pressure                       | 0 bar ... 16 bar                                                   |
| Pressure regulation range                | 0.5 bar ... 12 bar                                                 |
| Max. pressure hysteresis                 | 0.04 MPa                                                           |
| Max. pressure hysteresis                 | 0.4 bar                                                            |
| Max. pressure hysteresis                 | 5.8 psi                                                            |
| Standard nominal flow rate               | 11500 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) |
| 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                           | 800 g                                                              |
| Type of mounting                         | 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                                                                |
| Housing material                         | Die-cast zinc                                                      |