

# Pressure regulator LR-1-D-O-DI-MAXI

Part number: 192365

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                                               | Value                                                                                                                |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Size                                                  | Maxi                                                                                                                 |
| Series                                                | D                                                                                                                    |
| Actuator lock                                         | Rotary knob with detent                                                                                              |
| Mounting position                                     | optional                                                                                                             |
| Design                                                | Directly actuated diaphragm regulator                                                                                |
| Controller function                                   | Output pressure constant<br>Via primary pressure compensation<br>With secondary venting<br>With return flow function |
| Symbol                                                | 00991559                                                                                                             |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/4                                                                                                    |
| 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                                                                                                              |
| Standard nominal flow rate (standardised to DIN 1343) | 7000 l/min                                                                                                           |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gases                                                             |
| 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 gases                                                             |
| Media temperature                                     | -10 °C ... 60 °C                                                                                                     |
| Ambient temperature                                   | -10 °C ... 60 °C                                                                                                     |
| Product weight                                        | 1330 g                                                                                                               |
| Type of mounting                                      | Front panel mounting<br>In-line installation<br>With accessories                                                     |
| Pneumatic connection, port 1                          | G1                                                                                                                   |
| Pneumatic connection, port 2                          | G1                                                                                                                   |
| Note on materials                                     | RoHS-compliant                                                                                                       |
| Material sub-base                                     | Die-cast zinc                                                                                                        |

| Feature           | Value         |
|-------------------|---------------|
| Material seals    | NBR           |
| Material housing  | Die-cast zinc |
| Material membrane | NBR           |