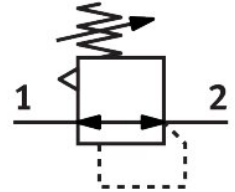


# Pressure regulator LR-1/4-D-O-MINI

Part number: 162591

**FESTO**



## Data sheet

| Feature                                               | Value                                                                                       |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Size                                                  | Mini                                                                                        |
| Series                                                | D                                                                                           |
| Actuator lock                                         | Rotary knob with detent                                                                     |
| Mounting position                                     | Any                                                                                         |
| Design                                                | Directly actuated diaphragm regulator                                                       |
| Controller function                                   | Output pressure constant<br>With primary pressure compensation<br>With secondary exhausting |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/8                                                                           |
| Operating pressure                                    | 0.1 MPa...1.6 MPa<br>1 bar...16 bar                                                         |
| Pressure regulation range                             | 0.5 bar...12 bar                                                                            |
| Max. pressure hysteresis                              | 0.02 MPa<br>0.2 bar<br>2.9 psi                                                              |
| Standard nominal flow rate (standardised to DIN 1343) | 1500 l/min                                                                                  |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gas                                      |
| 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 gas                                      |
| Media temperature                                     | -10 °C...60 °C                                                                              |
| Ambient temperature                                   | -10 °C...60 °C                                                                              |
| Product weight                                        | 300 g                                                                                       |
| Type of mounting                                      | Front panel mounting<br>Inline installation<br>With accessories                             |
| Pneumatic connection, port 1                          | G1/4                                                                                        |
| Pneumatic connection, port 2                          | G1/4                                                                                        |
| Note on materials                                     | RoHS compliant                                                                              |

| Feature           | Value         |
|-------------------|---------------|
| Material sub-base | Die-cast zinc |
| Material seals    | NBR           |
| Material housing  | Die-cast zinc |