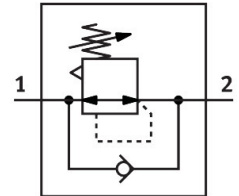


# Pressure regulator LR-1/8-D-O-I-MINI

Part number: 192304

**FESTO**



## Data sheet

| Feature                                               | Value                                                                                                                |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Size                                                  | Mini                                                                                                                 |
| 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 |
| 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) | 800 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)                           |
| 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                                        | 300 g                                                                                                                |
| Type of mounting                                      | Front panel mounting<br>In-line installation<br>With accessories                                                     |
| Pneumatic connection, port 1                          | G1/8                                                                                                                 |
| Pneumatic connection, port 2                          | G1/8                                                                                                                 |
| Note on materials                                     | RoHS-compliant                                                                                                       |
| Material sub-base                                     | Die-cast zinc                                                                                                        |

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