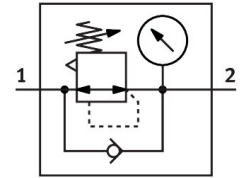


# Pressure regulator LRS-3/4-D-7-DI-MAXI

Part number: 194676

**FESTO**



## 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 |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | With pressure gauge  |
| Operating pressure                                    | 0.1 MPa...1.6 MPa<br>1 bar...16 bar  |
| Pressure regulation range                             | 0.5 bar...7 bar  |
| Max. pressure hysteresis                              | 0.04 MPa<br>0.4 bar<br>5.8 psi   |
| Standard nominal flow rate (standardised to DIN 1343) | 8350 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  | 1680 g   |
| Type of mounting                                      | Front panel mounting<br>In-line installation<br>With accessories   |
| Pneumatic connection, port 1                          | G3/4   |
| Pneumatic connection, port 2                          | G3/4   |
| Note on materials                                     | RoHS-compliant   |

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