

# Pressure regulator LR-1/2-D-7-I-MIDI-MPA

Part number: 8037019

**FESTO**



## Data sheet

| Feature                                  | Value  |
|--|--|
| Size                                     | Midi   |
| Series                                   | D  |
| Actuator lock                            | Rotary knob with detent  |
| Mounting position                        | Any  |
| Structural design                        | Directly controlled diaphragm regulator  |
| Controller function                      | Outlet pressure constant<br>With primary pressure compensation<br>With secondary exhausting<br>With return flow function |
| Pressure gauge                           | with pressure gauge  |
| Operating pressure                       | 0 MPa...1.6 MPa<br>0 bar...16 bar  |
| Pressure regulation range                | 0.5 bar...7 bar  |
| Max. pressure hysteresis                 | 0.02 MPa<br>0.2 bar<br>2.9 psi   |
| Standard nominal flow rate               | 4000 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                           | 720 g  |
| Type of mounting                         | Front panel mounting<br>Line installation<br>With accessories  |
| Pneumatic connection 1                   | G1/2   |
| Pneumatic connection 2                   | G1/2   |
| Note on materials                        | RoHS-compliant   |
| Material of sub-base                     | Die-cast zinc  |
| Seals material                           | NBR  |

| Feature          | Value         |
|------------------|---------------|
| Housing material | Die-cast zinc |