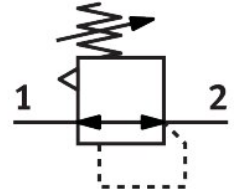


# Precision pressure regulator

## LRPS-1/4-0,7

Part number: 194690

**FESTO**



## Data sheet

| Feature                                           | Value                                                            |
|---------------------------------------------------|------------------------------------------------------------------|
| Actuator lock                                     | Rotary knob with integrated lock                                 |
| Mounting position                                 | Any                                                              |
| Structural design                                 | Pilot-controlled precision diaphragm regulator                   |
| Controller function                               | Constant output pressure<br>With secondary exhausting            |
| Pressure gauge                                    | Set up for G1/8                                                  |
| Operating pressure                                | 0.1 MPa...1.2 MPa<br>1 bar...12 bar                              |
| Pressure regulation range                         | 0.05 bar...0.7 bar                                               |
| Inlet pressure 1                                  | 1 bar...12 bar                                                   |
| Max. pressure hysteresis                          | 0.02 bar                                                         |
| Normal nominal flow rate (normalized to DIN 1343) | 800 l/min                                                        |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gases     |
| Information on operating and pilot media          | Operation with oil lubrication not possible                      |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L                                                |
| Temperature of medium                             | -10 °C...60 °C                                                   |
| Ambient temperature                               | -10 °C...60 °C                                                   |
| Product weight                                    | 410 g                                                            |
| Type of mounting                                  | Front panel mounting<br>In-line installation<br>With accessories |
| Pneumatic connection 1                            | G1/4                                                             |
| Pneumatic connection 2                            | G1/4                                                             |
| Note on materials                                 | RoHS compliant                                                   |
| Seals material                                    | NBR                                                              |
| Housing material                                  | Aluminum                                                         |