

# Precision pressure regulator

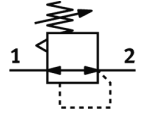
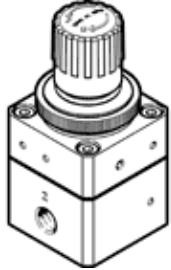
## LRP-1/4-0,7

Part number: 159500

FESTO

Without pressure gauge.

Use a suitable precision pressure gauge Type MAP or Type FMAP with this product.



## Data sheet

| Feature                            | Value   |
|------------------------------------|---|
| Actuator lock                      | Rotary knob with lock   |
| Assembly position                  | Any   |
| Design structure                   | Piloted precision diaphragm regulator                                   |
| Controller function                | Output pressure constant<br>with secondary exhaust                      |
| Pressure gauge                     | Prepared for G1/8   |
| Operating pressure MPa             | 0.1 ... 1.2 MPa   |
| Working pressure                   | 1 ... 12 bar  |
| Pressure regulation range          | 0.05 ... 0.7 bar  |
| Max. pressure hysteresis           | 0.02 bar  |
| Standard nominal flow rate         | 800 l/min   |
| Operating medium                   | Compressed air in accordance with ISO8573-1:2010 [7:4:4]<br>Inert gases |
| Note on operating and pilot medium | Lubricated operation not possible                                       |
| PWIS conformity                    | VDMA24364-B1/B2-L   |
| Medium temperature                 | -10 ... 60 °C   |
| Ambient temperature                | -10 ... 60 °C   |
| Product weight                     | 310 g   |
| Mounting type                      | Front panel installation<br>Line installation<br>with accessories       |
| Pneumatic connection, port 1       | G1/4  |
| Pneumatic connection, port 2       | G1/4  |
| Materials note                     | Conforms to RoHS  |
| Material seals                     | NBR   |
| Material housing                   | Aluminum  |