

# precision pressure regulator

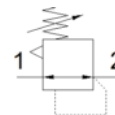
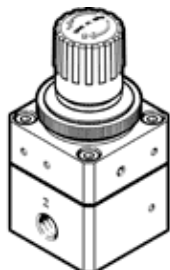
## LRP-1/4-2,5

Part number: 162834

**FESTO**

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

Without pressure gauge.



## Data sheet

| Feature                            | values                                                                  |
|------------------------------------|-------------------------------------------------------------------------|
| Actuator lock                      | Rotary knob with lock                                                   |
| Assembly position                  | Any                                                                     |
| Design structure                   | Piloted precision diaphragm regulator                                   |
| Controller function                | Output pressure constant with secondary exhaust                         |
| Pressure gauge                     | Prepared for G1/8                                                       |
| Operating pressure                 | 1 ... 12 bar                                                            |
| Pressure regulation range          | 0.05 ... 2.5 bar                                                        |
| Max. pressure hysteresis           | 0.02 bar                                                                |
| Standard nominal flow rate         | 1,800 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                                       |
| Medium temperature                 | -10 ... 60 °C                                                           |
| Ambient temperature                | -10 ... 60 °C                                                           |
| Product weight                     | 310 g                                                                   |
| Mounting type                      | Front panel installation<br>Line installation with accessories          |
| Pneumatic connection, port 1       | G1/4                                                                    |
| Pneumatic connection, port 2       | G1/4                                                                    |
| Materials note                     | Conforms to RoHS                                                        |
| Materials information for seals    | NBR                                                                     |
| Materials information, housing     | Aluminium                                                               |