

# Precision pressure regulator LRP-1/4-2,5

Part number: 162834

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                                               | Value                                                            |
|-------------------------------------------------------|------------------------------------------------------------------|
| Actuator lock                                         | Rotary knob with detent                                          |
| Mounting position                                     | optional                                                         |
| Design                                                | Piloted precision diaphragm control valve                        |
| Controller function                                   | Output pressure constant<br>With secondary venting               |
| Symbol                                                | 00991540                                                         |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/8                                                |
| Operating pressure                                    | 0.1 MPa ... 1.2 MPa                                              |
| Operating pressure                                    | 1 bar ... 12 bar                                                 |
| Pressure regulation range                             | 0.05 bar ... 2.5 bar                                             |
| Inlet pressure 1                                      | 1 bar ... 12 bar                                                 |
| Max. pressure hysteresis                              | 0.02 bar                                                         |
| Standard nominal flow rate (standardised to DIN 1343) | 1800 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 not possible                                |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L                                                |
| Media temperature                                     | -10 °C ... 60 °C                                                 |
| Ambient temperature                                   | -10 °C ... 60 °C                                                 |
| Product weight                                        | 310 g                                                            |
| Type of mounting                                      | Front panel mounting<br>In-line installation<br>With accessories |
| Pneumatic connection, port 1                          | G1/4                                                             |
| Pneumatic connection, port 2                          | G1/4                                                             |
| Note on materials                                     | RoHS-compliant                                                   |
| Material seals                                        | NBR                                                              |
| Material housing                                      | Aluminium                                                        |