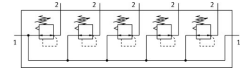


# Pressure regulating valve manifold LRB-1/4-D-O-K5-MINI

Part number: 529002

**FESTO**



 General operating condition

## Data sheet

| Feature                                               | Value                                                                                   |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Size                                                  | Mini                                                                                    |
| Series                                                | D                                                                                       |
| Actuator lock                                         | Rotary knob with detent                                                                 |
| Mounting position                                     | optional                                                                                |
| Design                                                | Directly actuated diaphragm regulator<br>With through compressed air supply             |
| Controller function                                   | Output pressure constant<br>Via primary pressure compensation<br>With secondary venting |
| Symbol                                                | 00995334                                                                                |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/8                                                                       |
| Operating pressure                                    | 0.1 MPa ... 1.6 MPa                                                                     |
| Operating pressure                                    | 1 bar ... 16 bar                                                                        |
| Pressure regulation range                             | 0.05 MPa ... 1.2 MPa                                                                    |
| Pressure regulation range                             | 0.5 bar ... 12 bar                                                                      |
| Pressure regulation range                             | 7.25 psi ... 174 psi                                                                    |
| Max. pressure hysteresis                              | 0.02 MPa                                                                                |
| Max. pressure hysteresis                              | 0.2 bar                                                                                 |
| Max. pressure hysteresis                              | 2.9 psi                                                                                 |
| Standard nominal flow rate (standardised to DIN 1343) | 1600 l/min                                                                              |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [7:4:4]                                               |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L                                                                       |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [7:4:4]                                               |
| Media temperature                                     | -10 °C ... 60 °C                                                                        |
| Ambient temperature                                   | -10 °C ... 60 °C                                                                        |
| Product weight                                        | 1860 g                                                                                  |
| Type of mounting                                      | With accessories                                                                        |
| Pneumatic connection, port 1                          | G1/4                                                                                    |
| Pneumatic connection, port 2                          | G1/4                                                                                    |
| Material sub-base                                     | Die-cast zinc                                                                           |
| Material control panel                                | PA                                                                                      |
| Material seals                                        | NBR                                                                                     |
| Material housing                                      | Die-cast zinc                                                                           |