

# Differential pressure regulator

## LRL-1/8-QS-6

Part number: 153501

**FESTO**



## Data sheet

| Feature                            | Value                                                                                      |
|------------------------------------|--------------------------------------------------------------------------------------------|
| Controller function                | Differential pressure constant<br>With return flow function                                |
| Pneumatic connection, port 1       | R1/8                                                                                       |
| Pneumatic connection, port 2       | QS-6                                                                                       |
| Type of mounting                   | Screw-in                                                                                   |
| Nominal flow rate open             | 155 l/min                                                                                  |
| Pressure regulation range          | 2 bar...6 bar                                                                              |
| Inlet pressure 1                   | 0 MPa...0.9 MPa<br>0 bar...9 bar<br>0 psi...130.5 psi                                      |
| Ambient temperature                | 0 °C...60 °C                                                                               |
| Material housing                   | Reinforced PBT                                                                             |
| Operating medium                   | Compressed air to ISO 8573-1:2010 [7:~]                                                    |
| Actuator lock                      | Counter-locking                                                                            |
| Mounting position                  | Any                                                                                        |
| Design                             | Directly actuated piston regulator<br>With through compressed air supply                   |
| Nominal flow rate closed           | 140 l/min                                                                                  |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| LABS (PWIS) conformity             | VDMA24364-B1/B2-L                                                                          |
| Product weight                     | 20 g                                                                                       |
| Material screwed plug              | Nickel-plated brass                                                                        |
| Note on materials                  | RoHS compliant                                                                             |
| Material thread seal               | PTFE                                                                                       |