

# Throttle valve GRLO-M5-QS-4-LF-C

Part number: 175057

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                                                                       | Value                                                                                      |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Valve function                                                                | Flow control function                                                                      |
| Pneumatic connection, port 1                                                  | M5                                                                                         |
| Pneumatic connection, port 2                                                  | QS-4                                                                                       |
| Adjustment component                                                          | Slotted head screw                                                                         |
| Type of mounting                                                              | Screw-in                                                                                   |
| Standard nominal flow rate in flow control direction                          | 40 l/min                                                                                   |
| Operating pressure                                                            | 0 bar ... 10 bar                                                                           |
| Ambient temperature                                                           | -10 °C ... 60 °C                                                                           |
| Mounting position                                                             | optional                                                                                   |
| Symbol                                                                        | 00991454                                                                                   |
| Standard flow rate in flow control direction 0.6-10 MPa (6-10 bar, 87-10 psi) | 80 l/min                                                                                   |
| Operating medium                                                              | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |
| 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                                                                          |
| Cleanroom class                                                               | Class 4 according to ISO 14644-1                                                           |
| Media temperature                                                             | -10 °C ... 60 °C                                                                           |
| Max. tightening torque                                                        | 1.5 Nm                                                                                     |
| Product weight                                                                | 9 g                                                                                        |
| Material screwed plug                                                         | Brass                                                                                      |
| Note on materials                                                             | RoHS-compliant                                                                             |
| Material seals                                                                | NBR                                                                                        |
| Material release ring                                                         | POM                                                                                        |
| Material adjusting screw                                                      | Brass                                                                                      |
| Material swivel fitting                                                       | Die-cast zinc                                                                              |