

# Throttle valve GRO-1/8-B

Part number: 151216

FESTO



## Data sheet

 [General operating condition](#)

| Feature                                              | Value                                                                                                                      |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Valve function                                       | Flow control function                                                                                                      |
| Pneumatic connection, port 1                         | G1/8                                                                                                                       |
| Pneumatic connection, port 2                         | G1/8                                                                                                                       |
| Adjustment component                                 | Knurled screw                                                                                                              |
| Type of mounting                                     | Either:<br>Front panel mounting<br>With through-hole                                                                       |
| Standard nominal flow rate in flow control direction | 210 l/min                                                                                                                  |
| Operating pressure                                   | 0 bar ... 10 bar                                                                                                           |
| Ambient temperature                                  | -20 °C ... 60 °C                                                                                                           |
| Material housing                                     | Wrought aluminium alloy                                                                                                    |
| Explosion protection                                 | The information in the certificate must be observed!<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Nominal size                                         | 3 mm                                                                                                                       |
| Mounting position                                    | optional                                                                                                                   |
| Symbol                                               | 00991454                                                                                                                   |
| 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                                                                                                          |
| Media temperature                                    | -20 °C ... 60 °C                                                                                                           |
| Product weight                                       | 31 g                                                                                                                       |
| Note on materials                                    | RoHS-compliant                                                                                                             |
| Material seals                                       | NBR                                                                                                                        |
| Material adjusting screw                             | High-alloy steel                                                                                                           |

| Feature         | Value                   |
|-----------------|-------------------------|
| Material nut    | Wrought aluminium alloy |
| Material sleeve | POM                     |