

# One-way flow control valve GR-QS-8

Part number: 193970

**FESTO**



## Data sheet

| Feature                                              | Value                                                                                                            |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Valve function                                       | One-way flow control function                                                                                    |
| Pneumatic connection 1                               | QS-8                                                                                                             |
| Pneumatic connection 2                               | QS-8                                                                                                             |
| Adjusting element                                    | Knurled screw                                                                                                    |
| Type of mounting                                     | Alternatively:<br>Front panel mounting<br>With through-hole<br>With accessories                                  |
| Standard nominal flow rate in flow control direction | 265 l/min                                                                                                        |
| Standard nominal flow rate in non-return direction   | 500 l/min                                                                                                        |
| Operating pressure                                   | 0.2 bar...10 bar                                                                                                 |
| Ambient temperature                                  | -10 °C...60 °C                                                                                                   |
| Housing material                                     | PA-reinforced                                                                                                    |
| Explosion prevention and protection                  | Observe the information on the certificate<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Mounting position                                    | Any                                                                                                              |
| Operating medium                                     | Compressed air as per ISO 8573-1:2010 [7:4:4]                                                                    |
| Information on operating and pilot media             | Operation with oil lubrication possible (required for further use)                                               |
| LABS (PWIS) conformity                               | VDMA24364-B1/B2-L                                                                                                |
| Temperature of medium                                | -10 °C...60 °C                                                                                                   |
| Product weight                                       | 23 g                                                                                                             |
| Note on materials                                    | RoHS compliant                                                                                                   |
| Seals material                                       | NBR                                                                                                              |
| Releasing ring material                              | POM                                                                                                              |
| Knurled head material                                | PA-reinforced                                                                                                    |

| Feature                     | Value            |
|-----------------------------|------------------|
| Material of adjusting screw | High-alloy steel |