

One-way flow control valve GR-1/4

Part number: 2101

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Valve function | One-way flow control function |
| Pneumatic connection 1 | G1/4 |
| Pneumatic connection 2 | G1/4 |
| Adjusting element | Knurled screw |
| Type of mounting | In-line installation |
| Standard nominal flow rate in flow control direction | 370 l/min |
| Standard nominal flow rate in non-return direction | 150 l/min |
| Operating pressure | 0.5 bar ... 10 bar |
| Ambient temperature | -20 °C ... 75 °C |
| Housing material | Wrought aluminum alloy |
| Explosion prevention and protection | Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| Mounting position | Any |
| Symbol | 00991453 |
| Standard flow rate in flow control direction 6 → 0 bar | 570 l/min |
| Standard flow rate in non-return direction at 6 → 0 bar | 340 l/min |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:-:-] |
| 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 | -20 °C ... 75 °C |
| Product weight | 80 g |
| Note on materials | RoHS compliant |
| Seals material | NBR |
| Material of adjusting screw | Steel Galvanized |