

# Precision flow control valve GRPO-10-PK-3

Part number: 13229

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | Flow control function                                  |
| Pneumatic connection, port 1  | PK-3   |
| Pneumatic connection, port 2  | PK-3   |
| Type of actuation   | Manual   |
| Adjustment component  | Rotary knob with scale                                 |
| Type of mounting  | Front panel mounting                                   |
| Standard nominal flow rate in flow control direction                                    | 3.8 l/min  |
| Operating pressure  | 0 bar ... 8 bar  |
| Ambient temperature   | -10 °C ... 50 °C                                       |
| Material housing  | Reinforced PA  |
| Mounting position   | Any  |
| Symbol  | 00991454   |
| Operating pressure from 2 to 1  | 0 bar ... 0.5 bar                                      |
| Standard nominal flow rate in throttle direction for 0.1->0 MPa (1->0 bar, 14.5->0 psi) | 1.65 l/min   |
| Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi)           | 5.2 l/min  |
| Operating medium  | Compressed air to ISO 8573-1:2010 [5:4:3]<br>Inert gas |
| Note on operating and pilot medium  | Lubricated operation not possible                      |
| LABS (PWIS) conformity  | VDMA24364 zone III                                     |
| Media temperature   | -10 °C ... 50 °C                                       |
| Product weight  | 48 g   |
| Note on materials   | RoHS compliant   |
| Material seals  | NBR<br>PVC   |
| Material retaining bracket  | Wrought aluminium alloy                                |
| Material PK connections   | Wrought aluminium alloy<br>Brass                       |
| Material screws   | Steel  |