


# Precision throttle valve GRPO-70-1/8-AL

Part number: 542024

FESTO



 [General operating condition](#)

## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | Flow control function                                      |
| Pneumatic connection 1  | G1/8   |
| Pneumatic connection 2  | G1/8   |
| Actuation type  | Manual   |
| Adjusting element   | Rotary knob with scale                                     |
| Type of mounting  | On sub-base  |
| Standard nominal flow rate in flow control direction                    | 40.7 l/min   |
| Operating pressure  | 0 bar ... 8 bar  |
| Ambient temperature   | -10 °C ... 50 °C   |
| Housing material  | PA-reinforced  |
| Mounting position   | Any  |
| Symbol  | 00991454   |
| Operating pressure from 2 to 1  | 0 bar ... 0.5 bar  |
| Standard nominal flow rate in flow control direction from 1bar to 0 bar | 19 l/min   |
| Standard flow rate in flow control direction 6 -> 0 bar                 | 60 l/min   |
| Operating medium  | Compressed air as per ISO 8573-1:2010 [5:4:3]<br>Inert gas |
| Information on operating and pilot media                                | Operation with oil lubrication not possible                |
| LABS (PWIS) conformity  | VDMA24364 zone III   |
| Temperature of medium   | -10 °C ... 50 °C   |
| Product weight  | 110 g  |
| Note on materials   | RoHS-compliant   |
| Material of sub-base  | Wrought aluminum alloy                                     |
| Seals material  | NBR<br>PVC   |
| Material of screws  | Steel  |