

# Filter regulator PCRP-64-G12-12-E-R1-M-T19

Part number: 5394680

**FESTO**



## Data sheet

| Feature                                  | Value  |
|--|--|
| Size                                     | 64   |
| Series                                   | P  |
| Actuator lock                            | Adjusting screw with lock  |
| Mounting position                        | Vertical +/- 5°  |
| Grade of filtration                      | 40 µm  |
| Condensate drain                         | Manually rotating  |
| Structural design                        | Filter regulator without pressure gauge  |
| Conforms to standard                     | NACE MR0175/ISO 15156 (housing and bowl)   |
| Max. condensate volume                   | 30 cm³   |
| Controller function                      | With primary pressure compensation<br>With secondary exhausting  |
| Pressure gauge                           | G1/4 prepared  |
| Operating pressure                       | 0.1 MPa...2 MPa<br>1 bar...20 bar  |
| Pressure regulation range                | 0.5 bar...12 bar   |
| Max. pressure hysteresis                 | 0.2 bar  |
| Max. standard flow rate                  | 6440 l/min   |
| Standard nominal flow rate               | 3100 l/min   |
| 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) |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [:-4:-]<br>Inert gas   |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use)   |
| LABS (PWIS) conformity                   | VDMA24364 zone III   |
| Storage temperature                      | -60 °C...80 °C   |
| Air quality class at the output          | Compressed air as per ISO 8573-1:2010 [7:4:4]  |
| Temperature of medium                    | -60 °C...80 °C   |
| Ambient temperature                      | -60 °C...80 °C   |
| Product weight                           | 1910 g   |

| Feature                               | Value   |
|---------------------------------------|---|
| Type of mounting                      | Line installation<br>With mounting kit<br>Optionally: |
| Pressure gauge connection             | G1/4  |
| Pneumatic connection 1                | G1/2  |
| Pneumatic connection 2                | G1/2  |
| Drain screw material                  | High-alloy stainless steel                            |
| Drain screw material number           | 1.4404/316L   |
| Material of filter support            | Cast stainless steel                                  |
| Filter support material number        | 1.4409/CF3M(316L)                                     |
| Note on materials                     | RoHS-compliant  |
| Material of mounting bracket          | High-alloy stainless steel                            |
| Seals material                        | CR<br>NBR<br>VMQ                                      |
| Material of spring                    | High-alloy stainless steel                            |
| Compressed air filter material        | High-alloy stainless steel                            |
| Compressed air filter material number | 1.4404/316L   |
| Housing material                      | Cast stainless steel                                  |
| Material number of housing            | 1.4409/CF3M(316L)                                     |
| Material of adjusting screw           | High-alloy stainless steel                            |
| Material of bowl                      | Cast stainless steel                                  |
| Bowl material number                  | 1.4409/CF3M (316L)                                    |