

# Filter regulator PCRP-64-N14-7-E-R1-M-T19

Part number: 5394667

FESTO



 [General operating condition](#)

## 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                                      | Manual, rotating   |
| Design  | Filter regulator without pressure gauge  |
| Conforms to standard                                  | NACE MR0175/ISO 15156 (housing and bowl)   |
| Max. condensate volume                                | 30 ml  |
| Controller function                                   | With primary pressure compensation<br>With secondary exhausting  |
| Symbol  | 00991586   |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/4  |
| Operating pressure                                    | 0.1 MPa ... 2 MPa  |
| Operating pressure                                    | 1 bar ... 20 bar   |
| Pressure regulation range                             | 0.5 bar ... 7 bar  |
| Max. pressure hysteresis                              | 0.2 bar  |
| Max. standard flow rate                               | 3980 l/min   |
| Standard nominal flow rate (standardised to DIN 1343) | 3320 l/min   |
| Explosion protection                                  | The information in the certificate must be observed!<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Operating medium                                      | Inert gas  |
| Note on operating and pilot medium                    | Lubricated operation possible (in which case lubricated operation will always be required)                                 |
| LABS (PWIS) conformity                                | VDMA24364 zone III   |
| Storage temperature                                   | -60 °C ... 80 °C   |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Media temperature                                     | -60 °C ... 80 °C   |
| Ambient temperature                                   | -60 °C ... 80 °C   |
| Product weight  | 1965 g   |
| Type of mounting                                      | With mounting kit  |
| Pressure gauge connection                             | G1/4   |
| Pneumatic connection, port 1                          | NPT1/4-18  |

| <b>Feature</b>                    | <b>Value</b>               |
|-----------------------------------|----------------------------|
| Pneumatic connection, port 2      | NPT1/4-18                  |
| Material of drain screw           | High-alloy stainless steel |
| Material number of drain screw    | 1.4404/316L                |
| Material filter carrier           | Cast stainless steel       |
| Material number of filter support | 1.4409/CF3M(316L)          |
| Note on materials                 | RoHS compliant             |
| Material mounting bracket         | High-alloy stainless steel |
| Material seals                    | CR<br>NBR<br>VMQ           |
| Material spring                   | High-alloy stainless steel |
| Material filter                   | High-alloy stainless steel |
| Material number of filter         | 1.4404/316L                |
| Material housing                  | Cast stainless steel       |
| Material number housing           | 1.4409/CF3M(316L)          |
| Material adjusting screw          | High-alloy stainless steel |
| Material bowl                     | Cast stainless steel       |
| Material number of bowl           | 1.4409/CF3M (316L)         |