

# Filter regulator PCR-64-G12-12-C-R1-VC-T31

Part number: 8195726

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                                   | 5 µm   |
| Condensate drain                                      | Fully automatic  |
| Design  | Filter regulator with 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  | 00991588   |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/4  |
| Operating pressure                                    | 0.2 MPa ... 1.2 MPa  |
| Operating pressure                                    | 2 bar ... 12 bar   |
| Pressure regulation range                             | 0.5 bar ... 12 bar   |
| Max. pressure hysteresis                              | 0.02 MPa   |
| Max. pressure hysteresis                              | 0.2 bar  |
| Max. pressure hysteresis                              | 2.9 psi  |
| Max. standard flow rate                               | 2740 l/min   |
| Standard nominal flow rate (standardised to DIN 1343) | 1980 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  |
| LABS (PWIS) conformity                                | VDMA24364 zone III   |
| Storage temperature                                   | -10 °C ... 60 °C   |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [6:4:4]  |
| Media temperature                                     | 0 °C ... 60 °C   |
| Ambient temperature                                   | 0 °C ... 60 °C   |
| Product weight  | 2230 g   |
| Type of mounting                                      | Inline installation  |
| Pressure gauge connection                             | G1/4   |

| <b>Feature</b>               | <b>Value</b>               |
|------------------------------|----------------------------|
| Pneumatic connection, port 1 | G1/2                       |
| Pneumatic connection, port 2 | G1/2                       |
| Pneumatic connection, port 3 | G1/8                       |
| Material filter carrier      | POM                        |
| Note on materials            | RoHS compliant             |
| Material mounting bracket    | High-alloy stainless steel |
| Material seals               | NBR                        |
| Material spring              | High-alloy stainless steel |
| Material filter              | Packaging unit             |
| Material housing             | Cast stainless steel       |
| Material number housing      | 1.4409/CF3M(316L)          |
| Material adjusting screw     | High-alloy stainless steel |
| Material bowl                | High-alloy stainless steel |
| Material number of bowl      | 1.4409/CF3M (316L)         |