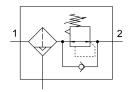
## Filter regulator PCRP-44-N12-12-E-R1-VC-T31 Part number: 8195721







## **Data sheet**

| Feature   | Value  |
|---|--|
| Size  | 44   |
| Series  | Р  |
| Actuator lock   | Adjusting screw with lock  |
| Mounting position                                     | Vertical +/-5°   |
| Grade of filtration                                   | 40 μm  |
| Condensate drain                                      | Fully automatic  |
| Design  | Filter regulator with pressure gauge   |
| Conforms to standard                                  | NACE MR0175/ISO 15156 (housing and bowl)   |
| Max. condensate volume                                | 12 ml  |
| Controller function                                   | Via primary pressure compensation<br>With secondary venting  |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/4  |
| Operating pressure                                    | 0.2 MPa1.2 MPa<br>2 bar12 bar  |
| Pressure regulation range                             | 0.5 bar12 bar  |
| Max. pressure hysteresis                              | 0.02 MPa<br>0.2 bar<br>2.9 psi   |
| Max. standard flow rate                               | 2500 l/min   |
| Standard nominal flow rate                            | 1750 l/min   |
| Explosion protection                                  | The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [-:4:-]<br>Inert gases   |
| Note on operating and pilot medium                    | Lubricated operation possible  |
| LABS (PWIS) conformity                                | VDMA24364 zone III   |
| Storage temperature                                   | -10 °C60 °C  |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Media temperature                                     | 0 °C60 °C  |
| Ambient temperature                                   | 0 °C60 °C  |
| Product weight  | 890 g  |

| Feature                      | Value                      |
|------------------------------|----------------------------|
| Type of mounting             | In-line installation       |
| Pressure gauge connection    | G1/4                       |
| Pneumatic connection, port 1 | 1/2 NPT                    |
| Pneumatic connection, port 2 | 1/2 NPT                    |
| Pneumatic connection, port 3 | 1/8 NPT                    |
| 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              | PE                         |
| Material housing             | Stainless steel casting    |
| 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)         |