

Filter regulator PCRP-64-N14-12-E-R1-M-T18

Part number: 4787802

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 |
| Design | Filter regulator without pressure gauge |
| Conforms to standard | NACE MR0175/ISO 15156 (housing and bowl) |
| Max. condensate volume | 30 cm ³ |
| Controller function | Via primary pressure compensation With secondary venting |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/4 |
| Operating pressure | 0.1 MPa...2 MPa 1 bar...20 bar |
| Pressure regulation range | 0.5 bar...12 bar |
| Max. pressure hysteresis | 0.2 bar |
| Max. standard flow rate | 3990 l/min |
| Standard nominal flow rate | 2845 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:-] Inert gases |
| 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 | -20 °C...80 °C |
| Air purity class at output | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Media temperature | -20 °C...80 °C |
| Ambient temperature | -20 °C...80 °C |
| Product weight | 1965 g |

| Feature | Value |
|-----------------------------------|---|
| Type of mounting | Either: In-line installation Via mounting kit |
| Pressure gauge connection | G1/4 |
| Pneumatic connection, port 1 | NPT1/4-18 |
| 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 | Stainless steel casting |
| Material number of filter support | 1.4409/CF3M(316L) |
| Note on materials | RoHS-compliant |
| Material mounting bracket | High-alloy stainless steel |
| Material seals | CR NBR |
| Material spring | High-alloy stainless steel |
| Material filter | High-alloy stainless steel |
| Material number of filter | 1.4404/316L |
| Material housing | Stainless steel casting |
| Material number housing | 1.4409/CF3M(316L) |
| Material adjusting screw | High-alloy stainless steel |
| Material bowl | Stainless steel casting |
| Material number of bowl | 1.4409/CF3M (316L) |