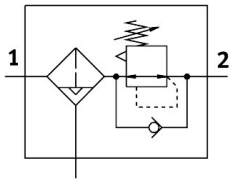
Filter regulator
PCRP-44-N12-12-E-R1-VC-T31

Part number: 8195721





Data sheet

Feature	Value
Size	44
Series	P
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	With primary pressure compensation With secondary exhausting
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Prepared for G1/4
Operating pressure	0.2 MPa...1.2 MPa 2 bar...12 bar
Pressure regulation range	0.5 bar...12 bar
Max. pressure hysteresis	0.02 MPa 0.2 bar 2.9 psi
Max. standard flow rate	2500 l/min
Standard nominal flow rate (standardised to DIN 1343)	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:-] 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 [7:4:4]
Media temperature	0 °C...60 °C
Ambient temperature	0 °C...60 °C
Product weight	890 g

Feature	Value
Type of mounting	Inline 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	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)