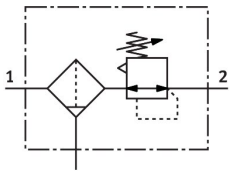
Filter regulator
PCRP-44-G14-12-C-R1-M-T18

Part number: 8120907



General operating condition

Data sheet

Feature	Value
Size	44
Series	P
Actuator lock	Adjusting screw with lock
Mounting position	Vertical +/-5°
Grade of filtration	5 µm
Condensate drain	Manually rotating
Design	Filter regulator without pressure gauge
Conforms to standard	NACE MR0175/ISO 15156 (housing and bowl)
Max. condensate volume	12 ml
Controller function	Via primary pressure compensation With secondary venting
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 ... 12 bar
Max. pressure hysteresis	0.2 bar
Max. standard flow rate	2400 l/min
Standard nominal flow rate (standardised to DIN 1343)	1600 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	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	-20 °C ... 80 °C
Air purity class at output	Compressed air to ISO 8573-1:2010 [6:4:4]
Media temperature	-20 °C ... 80 °C
Ambient temperature	-20 °C ... 80 °C
Product weight	665 g
Type of mounting	Via mounting kit
Pressure gauge connection	G1/4
Pneumatic connection, port 1	G1/4

Feature	Value
Pneumatic connection, port 2	G1/4
Material of drain screw	High-alloy stainless steel
Material number of drain screw	1.4404/316L
Material filter carrier	POM
Note on materials	RoHS-compliant
Material mounting bracket	High-alloy stainless steel
Material seals	CR 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	Stainless steel casting
Material number of bowl	1.4409/CF3M (316L)