

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

Part number: 8195721

FESTO



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
Structural 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	G1/4 prepared
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	1750 l/min
Explosion prevention and protection	Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas
Information on operating and pilot media	Operation with oil lubrication possible
LABS (PWIS) conformity	VDMA24364 zone III
Storage temperature	-10 °C...60 °C
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [7:4:4]
Temperature of medium	0 °C...60 °C
Ambient temperature	0 °C...60 °C
Product weight	890 g

Feature	Value
Type of mounting	Line installation
Pressure gauge connection	G1/4
Pneumatic connection 1	1/2 NPT
Pneumatic connection 2	1/2 NPT
Pneumatic connection 3	1/8 NPT
Material of filter support	POM
Note on materials	RoHS-compliant
Material of mounting bracket	High-alloy stainless steel
Seals material	NBR
Material of spring	High-alloy stainless steel
Compressed air filter material	PE
Housing material	Cast stainless steel
Material number of housing	1.4409/CF3M(316L)
Material of adjusting screw	High-alloy stainless steel
Material of bowl	High-alloy stainless steel
Bowl material number	1.4409/CF3M (316L)