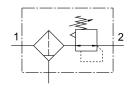
Compressed air filter regulator PCRP-44-G12-12-C-R1-M-T18 Part number: 8120905







Data sheet

Series P Actuator lock A Mounting position V Grade of filtration 5 Condensate drain N Structural design Fi Conforms to standard N Max. condensate volume 1 Controller function W Pressure gauge G Operating pressure 0 Pressure regulation range 0 Max. pressure hysteresis 0 Max. standard flow rate 2	Adjusting screw with lock Vertical +/- 5° 5 µm Manually rotating Filter regulator without pressure gauge NACE MR0175/ISO 15156 (housing and bowl) 12 cm ³ With primary pressure compensation
Actuator lock Actuator lock Mounting position Grade of filtration Condensate drain Structural design Conforms to standard Max. condensate volume Controller function Pressure gauge Operating pressure Operating pressure Max. pressure hysteresis Max. standard flow rate Actuator lock A A A A A A A A A A A A A	Adjusting screw with lock Vertical +/- 5° 5 µm Manually rotating Filter regulator without pressure gauge NACE MR0175/ISO 15156 (housing and bowl) 12 cm ³ With primary pressure compensation
Mounting position Grade of filtration Condensate drain Structural design Conforms to standard Max. condensate volume Controller function Pressure gauge Operating pressure Operating pressure Max. pressure hysteresis Max. standard flow rate Volume 15 Volume 16 Volume 17 Volume 17 Volume 18 Volume 19 Vo	Vertical +/- 5° 5 µm Manually rotating Filter regulator without pressure gauge NACE MR0175/ISO 15156 (housing and bowl) 12 cm ³ With primary pressure compensation
Grade of filtration 5 Condensate drain	Manually rotating Filter regulator without pressure gauge NACE MR0175/ISO 15156 (housing and bowl) 12 cm ³ With primary pressure compensation
Condensate drain Structural design Fi Conforms to standard Max. condensate volume Controller function We Pressure gauge Operating pressure Operating pressure Omega	Manually rotating Filter regulator without pressure gauge NACE MR0175/ISO 15156 (housing and bowl) 12 cm ³ With primary pressure compensation
Structural design Conforms to standard Max. condensate volume Controller function Pressure gauge Operating pressure Operating pressure Omax. pressure hysteresis Max. standard flow rate Fig. 2 Fig. 3 Fig. 3 Fig. 4 N W W W W W W W W W W W W	Filter regulator without pressure gauge NACE MR0175/ISO 15156 (housing and bowl) 12 cm ³ With primary pressure compensation
Conforms to standard Max. condensate volume Controller function Pressure gauge Operating pressure Operating pressure Omax. pressure hysteresis Max. standard flow rate	NACE MR0175/ISO 15156 (housing and bowl) 12 cm ³ With primary pressure compensation
Max. condensate volume Controller function We ressure gauge Operating pressure Operating pressure Omega p	12 cm ³ With primary pressure compensation
Controller function We Pressure gauge Operating pressure Operating pressure Operating pressure Omega pressure Omega pressure regulation range Max. pressure hysteresis Omega pressure hysteresis	Nith primary pressure compensation
Pressure gauge G Operating pressure 0 1 Pressure regulation range 0 Max. pressure hysteresis 0 Max. standard flow rate 2	
Operating pressure 0 1 Pressure regulation range 0 Max. pressure hysteresis 0 Max. standard flow rate 2	Nith secondary exhausting
Pressure regulation range 0 Max. pressure hysteresis 0 Max. standard flow rate 2	G1/4 prepared
Max. pressure hysteresis 0 Max. standard flow rate 2	0.1 MPa2 MPa 1 bar20 bar
Max. standard flow rate 2	0.5 bar12 bar
	0.2 bar
Standard nominal flow rate	2400 l/min
Standard nonlinat now rate	1600 l/min
z. z. z. z.	Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
	Compressed air as per ISO 8573-1:2010 [-:4:-] nert gas
Information on operating and pilot media O	Operation with oil lubrication possible (required for further use)
LABS (PWIS) conformity	/DMA24364 zone III
Storage temperature -2	20 °C80 °C
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [6:4:4]
Temperature of medium -2	20 °C80 °C
Ambient temperature -2	20 °C80 °C
Product weight 7	750 g

Feature	Value
Type of mounting	Optionally: Line installation With mounting kit
Pressure gauge connection	G1/4
Pneumatic connection 1	G1/2
Pneumatic connection 2	G1/2
Drain screw material	High-alloy stainless steel
Drain screw material number	1.4404/316L
Material of filter support	POM
Note on materials	RoHS-compliant
Material of mounting bracket	High-alloy stainless steel
Seals material	CR 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	Cast stainless steel
Bowl material number	1.4409/CF3M (316L)