

# Filter regulator PCRP-64-N14-7-E-R1-VC-T31

Part number: 8195740

FESTO



General operating condition

## 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	Fully automatic
Structural design	Filter regulator with pressure gauge
Conforms to standard	NACE MR0175/ISO 15156 (housing and bowl)
Max. condensate volume	30 ml
Controller function	With primary pressure compensation With secondary exhausting
Symbol	00991588
Pressure gauge	G1/4 prepared
Operating pressure	0.2 MPa ... 1.2 MPa
Operating pressure	2 bar ... 12 bar
Pressure regulation range	0.5 bar ... 7 bar
Max. pressure hysteresis	0.02 MPa
Max. pressure hysteresis	0.2 bar
Max. pressure hysteresis	2.9 psi
Max. standard flow rate	3980 l/min
Normal nominal flow rate (normalized to DIN 1343)	3320 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	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	2285 g
Type of mounting	Line installation
Pressure gauge connection	G1/4

<b>Feature</b>	<b>Value</b>
Pneumatic connection 1	1/4 NPT
Pneumatic connection 2	1/4 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)