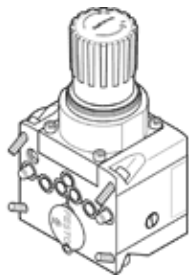


filter regulator

PCRI-100-F90-12-E-T3

Part number: 8141657

FESTO



Data sheet

Feature	Value
Actuator lock	Rotary knob with lock
Assembly position	Any
Grade of filtration	40 µm
Condensate drain	No
Design structure	Sub-base valve directly-controlled diaphragm regulator
Controller function	Output pressure constant with initial pressure compensation with secondary exhaust
Pressure gauge	Prepared for G1/4
Operating pressure MPa	0.1 ... 0.9 MPa
Operating pressure	1 ... 9 bar
Pressure regulation range	0.5 ... 8 bar
Max. pressure hysteresis (MPa)	0.025 MPa
Max. pressure hysteresis	0.25 bar 3.625 psi
Standard nominal flow rate	1,400 l/min
Operating medium	Compressed air in accordance with ISO8573-1:2010 [-:7:-] Inert gases
Note on operating and pilot medium	Lubricated operation not possible
Corrosion resistance classification CRC	3 - High corrosion stress
PWIS conformity	VDMA24364 zone III
Air purity class at output	Compressed air to ISO 8573-1:2010 [7:7:-] Inert gases
Medium temperature	-40 ... 80 °C
Ambient temperature	-40 ... 80 °C
Product weight	1,950 g
Pneumatic connection	Sub-base design, airing
Materials note	Conforms to RoHS
Material cover	Smooth-anodised wrought aluminium alloy (20 µm)
Material seals	EPDM NBR
Material rotary knob	POM
Material spring	Spring steel
Material filter	PE
Material housing	Smooth-anodised wrought aluminium alloy (20 µm)
Material screws	High alloy steel, non-corrosive