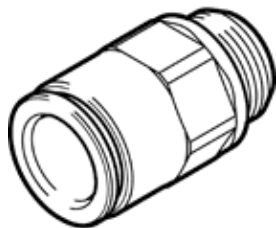


# cartridge

## NPQX-D-PC12-Q8-P10

Part number: 8174168  
New

FESTO



### Data sheet

Feature	Value
Size	Standard
Nominal size	6 mm
Tubing insertion depth	15.2 mm
Type of seal on screw-in stud	O-ring
Assembly position	Any
Design	Straight design
Container size	10
Design structure	Push/pull principle
Operating pressure MPa	-0.095 ... 1 MPa
Operating pressure	-0.95 ... 10 bar -13.775 ... 145 psi
Operating pressure for entire temperature range	-0.095 ... 1 MPa
Operating pressure complete temperature range	-0.95 ... 10 bar
Operating pressure for entire temperature range	-13.775 ... 145 psi
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	3 - High corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 ... 60 °C
Product weight	0.92 g
Mounting type	with retaining clamp
Pneumatic connection, port 1	Cartridge 12 mm
Pneumatic connection, port 2	For tubing outside diameter 8 mm
Colour of release ring	blue
Materials note	Conforms to RoHS
Material housing	PA-reinforced
Material release ring	POM
Material o-ring	HNBR
Material of tubing seal	HNBR
Material of tube retaining claw	High alloy steel, non-corrosive