

Cartridge NPQX-D-PC12-Q8-P10

Part number: 8174168

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Size	Standard
Nominal width	6 mm
Tubing insertion depth	15.2 mm
Type of seal on screwed plug	O-ring
Mounting position	Any
Design	Straight design
Pack size	10
Structural design	Push-pull principle
Operating pressure	-0.095 MPa ... 1 MPa
Operating pressure	-0.95 bar ... 10 bar
Operating pressure	-13.775 psi ... 145 psi
Operating pressure for entire temperature range	-0.095 MPa ... 1 MPa
Operating pressure for entire temperature range	-0.95 bar ... 10 bar
Operating pressure for entire temperature range	-13.775 psi ... 145 psi
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	3 - High corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 °C ... 60 °C
Product weight	0.92 g
Type of mounting	With retaining clamp
Pneumatic connection 1	Cartridge 12 mm
Pneumatic connection 2	for pneumatic tubing outside diameter 8 mm
Releasing ring color	Blue
Note on materials	RoHS-compliant
Housing material	PA-reinforced
Releasing ring material	POM
O-ring material	HNBR
Material of tubing seal	NBR
Material of tube retaining claw	High-alloy stainless steel