

Push-in connector NPQO-D-Q8-Q6-P10

Part number: 8203316

FESTO



 General operating condition

Data sheet

Feature	Value
Nominal width	5 mm
Tubing insertion depth	17.6 mm
Note on the tubing insertion depth	Ø6 depth 15.6 mm
Mounting position	Any
Design	Straight design
Pack size	10
Structural design	Push-pull principle
Operating pressure for entire temperature range	-0.09 MPa ... 0.3 MPa
Operating pressure for entire temperature range	-0.9 bar ... 3 bar
Operating pressure for entire temperature range	-13.05 psi ... 43.5 psi
Temperature-dependent operating pressure	-0.09 MPa ... 1.6 MPa
Temperature-dependent operating pressure	-0.9 bar ... 16 bar
Temperature-dependent operating pressure	-13.05 psi ... 232 psi
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Carbon dioxide Air Oxygen Nitrogen
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
For use in the food industry	See supplementary material information
Temperature of medium	0 °C ... 120 °C
Ambient temperature	0 °C ... 60 °C
Biocompatibility according to standard	ISO 18562
Oxygen suitability according to standard	ASTM G 93 ISO 15001
Impurity level, hydrocarbons maximum	550 mg/m ²
Product weight	9.01 g
Pneumatic connection 1	for pneumatic tubing outside diameter 8 mm
Pneumatic connection 2	for pneumatic tubing outside diameter 6 mm
Ambient temperature Fahrenheit	32 °F ... 140 °F
Releasing ring color	White
Note on materials	RoHS-compliant
Housing material	PVDF
Releasing ring material	PVDF
O-ring material	FPM

Feature	Value
Material of tubing seal	FPM
Material of tube retaining claw	High-alloy stainless steel
Thrust ring material	PVDF