

Push-in connector NPQO-D-Q12-Q10-P5

Part number: 8203320

FESTO



 General operating condition

Data sheet

Feature	Value
Nominal size	9 mm
Tubing insertion depth	22 mm
Note on the tubing insertion depth	Ø10 depth 20.1 mm
Mounting position	optional
Design	Straight design
Size of pack	5
Design	Push-pull principle
Operating pressure complete temperature range	-0.09 MPa ... 0.3 MPa
Operating pressure complete temperature range	-0.9 bar ... 3 bar
Operating pressure complete temperature range	-13.05 psi ... 43.5 psi
Temperature-dependent operating pressure	-0.09 MPa ... 1.2 MPa
Temperature-dependent operating pressure	-0.9 bar ... 12 bar
Temperature-dependent operating pressure	-13.05 psi ... 174 psi
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Carbon dioxide Air Oxygen Nitrogen
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Suitable for use with food	See supplementary material information
Media temperature	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
Maximum impurity level for hydrocarbons	550 mg/m ²
Product weight	21.66 g
Pneumatic connection, port 1	For tubing outer diameter of 12 mm
Pneumatic connection, port 2	For tubing outside diameter of 10 mm
Ambient temperature	32 °F ... 140 °F
Colour of release ring	White
Note on materials	RoHS-compliant
Material housing	PVDF
Material release ring	PVDF
Material o-ring	FPM

Feature	Value
Material tubing seal	FPM
Material tubing clamp component	High-alloy stainless steel
Thrust ring material	PVDF