

# Push-in fitting NPQ0-D-G18-Q8-P10

Part number: 8203296

**FESTO**



## Data sheet

Feature	Value
Nominal width	6.2 mm
Tubing insertion depth	17.6 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 for entire temperature range	-0.09 MPa...2 MPa -0.9 bar...20 bar -13.05 psi...290 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...120 °C
Biocompatibility according to standard	ISO 18562
Oxygen suitability according to standard	ASTM G 93 ISO 15001
Impurity level, hydrocarbons maximum	550 MGM
Max. tightening torque	6 Nm
Nominal tightening torque	5 Nm
Tolerance for nominal tightening torque	± 10%
Product weight	12.35 g
Pneumatic connection 1	External thread G1/8
Pneumatic connection 2	for pneumatic tubing outside diameter 8 mm
Ambient temperature Fahrenheit	32 °F...248 °F
Releasing ring color	White
Material of screwed plug	High-alloy stainless steel

Feature	Value
Note on materials	RoHS-compliant
Housing material	High-alloy stainless steel
Material of threaded seal	FPM
Releasing ring material	PVDF
O-ring material	FPM
Material of tubing seal	FPM
Material of tube retaining claw	High-alloy stainless steel
Thrust ring material	PVDF