

Push-in fitting NPQO-D-G38-Q12-P5

Part number: 8203301

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Nominal width	10.3 mm
Tubing insertion depth	22 mm
Type of seal on screwed plug	O-ring
Mounting position	Any
Design	Straight design
Pack size	5
Structural design	Push-pull principle
Operating pressure for entire temperature range	-0.09 MPa ... 2 MPa
Operating pressure for entire temperature range	-0.9 bar ... 20 bar
Operating pressure for entire temperature range	-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 mg/m ²
Max. tightening torque	10 Nm
Nominal tightening torque	9 Nm
Tolerance for nominal tightening torque	± 10%
Product weight	28.46 g
Pneumatic connection 1	External thread G3/8
Pneumatic connection 2	for pneumatic tubing outside diameter 12 mm
Ambient temperature Fahrenheit	32 °F ... 248 °F
Releasing ring color	White
Material of screwed plug	High-alloy stainless steel
Note on materials	RoHS-compliant
Housing material	High-alloy stainless steel
Material of threaded seal	FPM

Feature	Value
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