

Push-in fitting NPQH-D-G12-Q12-P10

Part number: 578350

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Size	Standard
Nominal width	10 mm
Tubing insertion depth	19.5 mm
Type of seal on screwed plug	Sealing ring
Mounting position	Any
Design	Straight design
Pack size	10
Structural design	Push-pull principle
Symbol	00997424
Operating pressure for entire temperature range	-0.095 MPa ... 2 MPa
Operating pressure for entire temperature range	-0.95 bar ... 20 bar
Operating pressure for entire temperature range	-13.775 psi ... 290 psi
Information on operating pressure	Water: max. 0.6 MPa at 0 - 50 °C
Certificate issuing authority	NSF C0523185
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free)
Information on operating and pilot media	Operation with oil lubrication possible
Corrosion resistance class (CRC)	3 - High corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom class	Class 4 according to ISO 14644-1
For use in the food industry	See declaration of conformity NSF/ANSI 169
Ambient temperature	0 °C ... 150 °C
Nominal tightening torque	9 Nm
Tolerance for nominal tightening torque	± 20%
Product weight	37.1 g
Type of mounting	External hexagon, AF 19 Internal hexagon, AF 10
Pneumatic connection 1	External thread G1/2
Pneumatic connection 2	for pneumatic tubing outside diameter 12 mm
Note on materials	RoHS-compliant
Housing material	Brass, chemically nickel-plated
Material of threaded seal	FPM
Guard ring material	PEI

Feature	Value
Releasing ring material	Brass, chemically nickel-plated
Material of tubing seal	FPM
Material of tube retaining claw	High-alloy stainless steel
Thrust ring material	PEI