

# Push-in fitting NPQH-D-G12-Q10-P10

Part number: 578349

FESTO



 General operating condition

## Data sheet

Feature	Value
Size	Standard
Nominal size	8 mm
Tubing insertion depth	18.3 mm
Type of seal on screwed plug	Sealing ring
Mounting position	optional
Design	Straight design
Size of pack	10
Design	Push-pull principle
Symbol	00997424
Operating pressure complete temperature range	-0.095 MPa ... 2 MPa
Operating pressure complete temperature range	-0.95 bar ... 20 bar
Operating pressure complete temperature range	-13.775 psi ... 290 psi
Note on operating pressure	Water: max. 0.6 MPa at 0 - 50 °C
Certificate issuing authority	NSF C0523185
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free)
Note on operating and pilot medium	Lubricated operation 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
Suitable for use with food	See declaration of conformity NSF/ANSI 169
Ambient temperature	0 °C ... 150 °C
Nominal torque	9 Nm
Tolerance for nominal tightening torque	± 20%
Product weight	35.4 g
Type of mounting	External hexagon, A/F 16 mm Internal hexagon, size 8 mm
Pneumatic connection, port 1	Male thread G1/2
Pneumatic connection, port 2	For tubing outside diameter of 10 mm
Note on materials	RoHS-compliant
Material housing	Brass, chemically nickel-plated
Material thread seal	FPM
Guard ring material	PEI
Material release ring	Brass, chemically nickel-plated
Material tubing seal	FPM

Feature	Value
Material tubing clamp component	High-alloy stainless steel
Thrust ring material	PEI