

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

Part number: 578350

FESTO



 General operating condition

## Data sheet

Feature	Value
Size	Standard
Nominal size	10 mm
Tubing insertion depth	19.5 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	37.1 g
Type of mounting	External hexagon, A/F 19 mm Internal hexagon, size 10 mm
Pneumatic connection, port 1	Male thread G1/2
Pneumatic connection, port 2	For tubing outer diameter of 12 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