

# push-in T-fitting NPQH-T-G12-Q10-P10

Part number: 578402

FESTO



## Data sheet

Feature	Value
Size	Standard
Nominal size	8 mm
Tubing insertion depth	18.3 mm
Type of seal on screw-in stud	Sealing ring
Assembly position	Any
Design	T-shaped
Container size	10
Design structure	Push/pull principle
Operating pressure for entire temperature range	-0.095 ... 2 MPa
Operating pressure complete temperature range	-0.95 ... 20 bar
Operating pressure for entire temperature range	-13.775 ... 290 psi
Note on operating pressure	Water: max. 0.6 MPa at 0 - 50 °C
Certificate issuing department	NSF C0523185
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-] Water (liquid, free of ice)
Note on operating and pilot medium	Lubricated operation possible
Corrosion resistance classification CRC	3 - High corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Cleanroom class	ISO class 4
Food-safe	See declaration of conformity NSF/ANSI 169
Ambient temperature	0 ... 150 °C
Nominal tightening torque	9 Nm
Tolerance for nominal tightening torque	± 20 %
Product weight	55.1 g
Mounting type	External hexagon A/F 16
Pneumatic connection, port 1	Male thread G1/2
Pneumatic connection, port 2	For tubing outside diameter 10 mm
Materials note	Conforms to RoHS
Material housing	Brass, chemically nickel-plated
Material of threaded seal	FPM
Guard ring material	PEI
Material release ring	Brass, chemically nickel-plated
Material of tubing seal	FPM
Material of tube retaining claw	High alloy steel, non-corrosive
Thrust ring material	PEI