

Push-in fitting NPQR-T-G12-Q12

Part number: 8099102

FESTO



Data sheet

Feature	Value
Size	Standard
Nominal size	10 mm
Tubing insertion depth	17.4 mm
Type of seal on screw-in stud	Sealing ring
Assembly position	Any
Design	T-shaped
Container size	1
Design structure	Push/pull principle
Operating pressure for entire temperature range	-0.095 ... 1.6 MPa
Operating pressure complete temperature range	-0.95 ... 16 bar
Operating pressure for entire temperature range	-13.775 ... 232 psi
Note on working pressure	Water: max. 0.7 MPa at 0 - 80°C
Certificate issuing department	NSF C0556009
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	4 - Very high corrosion stress
PWIS conformity	VDMA24364-B2-L
RSBP classification to CD-0033	F1a
Cleanroom class	ISO class 4
Food-safe	See declaration of conformity NSF/ANSI 169
Ambient temperature	-20 ... 150 °C
Nominal tightening torque	9 Nm
Tolerance for nominal tightening torque	± 20 %
Product weight	87.7 g
Mounting type	External hexagon A/F 25
Pneumatic connection, port 1	Male thread G1/2
Pneumatic connection, port 2	For tubing outside diameter 12 mm
Materials note	Conforms to RoHS
Material housing	High alloy steel, non-corrosive
Material of threaded seal	FPM
Guard ring material	High alloy steel, non-corrosive
Material release ring	High alloy steel, non-corrosive
Material of tubing seal	FPM
Material of tube retaining claw	High alloy steel, non-corrosive
Thrust ring material	PPSU