Push in fitting
NPQR-L-G12-Q12

Part number: 8085688



General operating condition

Data sheet

Feature	Value
Size	Standard
Nominal width	10 mm
Tubing insertion depth	17.4 mm
Type of seal on screwed plug	Sealing ring
Mounting position	Any
Design	L-shape
Pack size	1
Structural design	Push-pull principle
Symbol	00997424
Operating pressure for entire temperature range	-0.095 MPa ... 1.6 MPa
Operating pressure for entire temperature range	-0.95 bar ... 16 bar
Operating pressure for entire temperature range	-13.775 psi ... 232 psi
Information on operating pressure	Water: max. 0.7 MPa at 0 - 80 °C
Certificate issuing authority	NSF C0556009
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)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Suitability for the production of Li-ion batteries	Metals with more than 1% by mass of copper, zinc or nickel by mass are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils
Cleanroom class	Class 4 according to ISO 14644-1
For use in the food industry	See declaration of conformity NSF/ANSI 169
Ambient temperature	-20 °C ... 150 °C
Nominal tightening torque	9 Nm
Tolerance for nominal tightening torque	± 20%
Product weight	73.2 g
Type of mounting	External hexagon, AF 25
Pneumatic connection 1	External thread G1/2
Pneumatic connection 2	for pneumatic tubing outside diameter 12 mm
Note on materials	RoHS-compliant
Housing material	High-alloy stainless steel
Material of threaded seal	FPM
Guard ring material	High-alloy stainless steel

Feature	Value
Releasing ring material	High-alloy stainless steel
Material of tubing seal	FPM
Material of tube retaining claw	High-alloy stainless steel
Thrust ring material	PPSU

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