Push-in fitting
NPQR-T-M5-Q6

Part number: 8099103



Data sheet

Feature	Value
Size	Standard
Nominal width	2.2 mm
Tubing insertion depth	16 mm
Type of seal on screwed plug	Sealing ring
Mounting position	Any
Design	T-shape
Pack size	1
Structural design	Push-pull principle
Operating pressure for entire temperature range	-0.095 MPa...1.6 MPa -0.95 bar...16 bar -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	Lubricated operation possible
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Suitability for the production of Li-ion batteries	Suitable for battery production with reduced Cu/Zn/Ni values (F1a)
Cleanroom suitability, measured according to ISO 14644-14	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	1 Nm
Tolerance for nominal tightening torque	±20%
Product weight	21.8 g
Type of mounting	External hexagon, AF 8
Pneumatic connection 1	External thread M5
Pneumatic connection 2	for pneumatic tubing outside diameter 6 mm
Releasing ring color	Silver
Note on materials	RoHS compliant
Housing material	high-alloy stainless steel

Feature	Value
Material of threaded seal	FPM
Guard ring material	high-alloy stainless steel
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