Push-in fitting
NPQR-T-G14-Q10

Part number: 8099100

Data sheet

Feature	Value
Size	Standard
Nominal size	8 mm
Tubing insertion depth	15.1 mm
Type of seal on screwed plug	Sealing ring
Mounting position	Any
Design	T-shape Push-pull principle
Size of pack	1
Operating pressure complete temperature range	-0.095 MPa...1.6 MPa -0.95 bar...16 bar -13.775 psi...232 psi
Note on operating pressure	Water: max. 0.7 MPa at 0 - 80 °C
Certificate issuing authority	NSF C0556009
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	4 - Very 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
Suitable for use with food	See declaration of conformity NSF/ANSI 169
Ambient temperature	-20 °C...150 °C
Nominal torque	7.5 Nm
Tolerance for nominal tightening torque	±20%
Product weight	44 g
Type of mounting	External hex SW15
Pneumatic connection, port 1	Male thread G1/4
Pneumatic connection, port 2	For tubing outside diameter of 10 mm
Colour of release ring	Silver
Note on materials	RoHS compliant
Material housing	High-alloy stainless steel
Material thread seal	Fluoro rubber

Feature	Value
Guard ring material	High-alloy stainless steel
Material release ring	High-alloy stainless steel
Material tubing seal	Fluoro rubber
Material tubing clamp component	High-alloy stainless steel
Thrust ring material	PPSU