

Push-in fitting NPQR-T-G14-Q10

Part number: 8099100

FESTO



 General operating condition

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	optional
Design	T-shape
Size of pack	1
Design	Push-pull principle
Symbol	00997424
Operating pressure complete temperature range	-0.095 MPa ... 1.6 MPa
Operating pressure complete temperature range	-0.95 bar ... 16 bar
Operating pressure complete temperature range	-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 according to the Festo internal definition of the degree of severity F1A with restrictions regarding the use of Cu/Zn/Ni
Cleanroom class	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 hexagon, A/F 15 mm
Pneumatic connection, port 1	Male thread G1/4
Pneumatic connection, port 2	For tubing outside diameter of 10 mm
Note on materials	RoHS-compliant
Material housing	High-alloy stainless steel
Material thread seal	FPM
Guard ring material	High-alloy stainless steel
Material release ring	High-alloy stainless steel

Feature	Value
Material tubing seal	FPM
Material tubing clamp component	High-alloy stainless steel
Thrust ring material	PPSU