

# Push-in fitting NPQR-T-G12-Q16

Part number: 8085696

FESTO



 General operating condition

## Data sheet

Feature	Value
Size	Standard
Nominal size	14 mm
Tubing insertion depth	23.5 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 ... 1.2 MPa
Operating pressure complete temperature range	-0.95 bar ... 12 bar
Operating pressure complete temperature range	-13.775 psi ... 174 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	-5 °C ... 150 °C
Note on ambient temperature	With PUN-H: -20°C - 60°C
Nominal torque	9 Nm
Tolerance for nominal tightening torque	± 20%
Product weight	132 g
Type of mounting	External hexagon, A/F 25 mm
Pneumatic connection, port 1	Male thread G1/2
Pneumatic connection, port 2	For tubing outside diameter of 16 mm
Colour of release ring	Silver
Note on materials	RoHS-compliant
Material housing	High-alloy stainless steel
Material thread seal	FPM
Guard ring material	High-alloy stainless steel

<b>Feature</b>	<b>Value</b>
Material release ring	High-alloy stainless steel
Material tubing seal	FPM
Material tubing clamp component	High-alloy stainless steel
Thrust ring material	PPSU