Push-in fitting
NPQR-DK-G12-Q16

Part number: 8085671



Data sheet

Feature	Value
Size	Standard
Nominal size	12.6 mm
Tubing insertion depth	23.5 mm
Type of seal on screwed plug	Sealing ring
Mounting position	optional
Design	Straight design Push-pull principle
Size of pack	1
Operating pressure complete temperature range	-0.095 MPa...1.2 MPa -0.95 bar...12 bar -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	53 g
Type of mounting	Internal hexagon, size 12 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

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