Push-in fitting
NPQR-DK-G12-Q16

Part number: 8085671



Data sheet

Feature	Value
Size	Standard
Nominal width	12.6 mm
Tubing insertion depth	23.5 mm
Type of seal on screwed plug	Sealing ring
Mounting position	Any
Design	Straight design
Pack size	1
Structural design	Push-pull principle
Operating pressure for entire temperature range	-0.095 MPa...1.2 MPa -0.95 bar...12 bar -13.775 psi...174 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	-5 °C...150 °C
Note on ambient temperature	With PUN-H: -20 °C - 60 °C
Nominal tightening torque	9 Nm
Tolerance for nominal tightening torque	±20%
Product weight	53 g
Type of mounting	Hexagon socket SW12
Pneumatic connection 1	External thread G1/2
Pneumatic connection 2	for pneumatic tubing outside diameter 16 mm
Releasing ring color	Silver
Note on materials	RoHS compliant

Feature	Value
Housing material	high-alloy stainless steel
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