Push-in fitting
NPQR-DK-G18-Q6

Part number: 8085662

General operating condition

Data sheet

Feature	Value
Size	Standard
Nominal size	4.2 mm
Tubing insertion depth	16 mm
Type of seal on screwed plug	Sealing ring
Mounting position	optional
Design	Straight design
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	Metals with more than 1% by mass of copper, zinc or nickel are excluded from use.The exceptions are nickel in steel, chemically nickel-plated surfaces, circuit boards, cables, electrical plug connectors and coils
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	6 Nm
Tolerance for nominal tightening torque	± 20%
Product weight	11.4 g
Type of mounting	Internal hexagon, size 4 mm
Pneumatic connection, port 1	Male thread G1/8
Pneumatic connection, port 2	For tubing outside diameter of 6 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