Push-in fitting
NPQE-DK-G18-Q8-F1A-P10

Part number: 8144601



Data sheet

Feature	Value
Size	Standard
Nominal width	5 mm
Type of seal on screwed plug	Sealing ring
Mounting position	Any
Design	Straight design
Pack size	10
Structural design	Push-pull principle
Operating pressure for entire temperature range	-0.095 MPa...0.8 MPa -0.95 bar...8 bar -13.775 psi...116 psi
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Lubricated operation possible
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 Zone III
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
Ambient temperature	-5 °C...60 °C
Nominal tightening torque	7 Nm
Tolerance for nominal tightening torque	±20%
Product weight	10.3 g
Type of mounting	Internal hexagon, AF 5
Pneumatic connection 1	External thread G1/8
Pneumatic connection 2	for pneumatic tubing outside diameter 8 mm
Releasing ring color	Blue
Note on materials	RoHS compliant
Housing material	high-alloy stainless steel
Material of threaded seal	Aluminum TPEE
Releasing ring material	POM
Material of tubing seal	NBR
Material of tube retaining claw	high-alloy stainless steel