

Push-in fitting NPQR-DK-G18-Q8

Part number: 8085663

FESTO



Data sheet

Feature	Value
Size	Standard
Nominal width	5.3 mm
Tubing insertion depth	16.8 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...1.6 MPa -0.95 bar...16 bar -13.775 psi...232 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	Operation with oil lubrication possible
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Suitability for the production of Li-ion batteries	Product corresponds to Festo's internal product definition for use in battery production: 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
For use in the food industry	See declaration of conformity NSF/ANSI 169
Ambient temperature	-20 °C...150 °C
Nominal tightening torque	6 Nm
Tolerance for nominal tightening torque	± 20%
Product weight	14.7 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
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