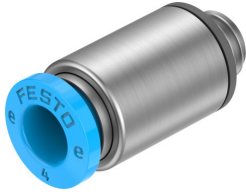


Push-in fitting NPQE-DK-M5-Q4-F1A-P10

Part number: 8144595

FESTO



 General operating condition

Data sheet

Feature	Value
Size	Mini
Nominal size	2.5 mm
Type of seal on screwed plug	Sealing ring
Mounting position	optional
Design	Straight design
Size of pack	10
Design	Push-pull principle
Variants	Metals with copper, zinc or nickel by mass as main constituent are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils.
Operating pressure complete temperature range	-0.095 MPa ... 0.8 MPa
Operating pressure complete temperature range	-0.95 bar ... 8 bar
Operating pressure complete temperature range	-13.775 psi ... 116 psi
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	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 according to the Festo internal definition of the degree of severity F1A with restrictions regarding the use of Cu/Zn/Ni
Cleanroom class	Class 4 according to ISO 14644-1
Ambient temperature	-5 °C ... 60 °C
Nominal torque	0.8 Nm
Tolerance for nominal tightening torque	± 5%
Product weight	2.66 g
Type of mounting	Internal hexagon, size 2.5 mm
Pneumatic connection, port 1	Male thread M5
Pneumatic connection, port 2	For tubing outside diameter of 4 mm
Colour of release ring	Blue
Note on materials	RoHS-compliant
Material housing	High-alloy stainless steel
Material thread seal	NBR High-alloy stainless steel
Material release ring	POM
Material tubing seal	NBR
Material tubing clamp component	High-alloy stainless steel