

# Push-in fitting NPQE-DK-G18-Q10-F1A-P10

Part number: 8144602

FESTO



## Data sheet

Feature	Value
Size	Standard
Nominal size	5 mm
Type of seal on screw-in stud	Sealing ring
Assembly position	Any
Design	Straight design
Container size	10
Design structure	Push/pull principle
Variants	Recommended for production facilities for the manufacture of lithium-ion batteries
Operating pressure for entire temperature range	-0.095 ... 0.8 MPa
Operating pressure complete temperature range	-0.95 ... 8 bar
Operating pressure for entire temperature range	-13.775 ... 116 psi
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364 zone III
RSBP classification to CD-0033	F1a
Cleanroom class	ISO class 4
Ambient temperature	-5 ... 60 °C
Nominal tightening torque	7 Nm
Tolerance for nominal tightening torque	± 20 %
Product weight	15 g
Mounting type	Internal hex A/F 5
Pneumatic connection, port 1	Male thread G1/8
Pneumatic connection, port 2	For tubing outside diameter 10 mm
color of release ring	blue
Materials note	Conforms to RoHS
Material housing	High alloy steel, non-corrosive
Material of threaded seal	Aluminum TPEE
Material release ring	POM
Material of tubing seal	NBR
Material of tube retaining claw	High alloy steel, non-corrosive