

# push-in connector NPQE-D-Q8-E-F1A-P10

Part number: 8158791

FESTO



## Data sheet

Feature	Value
Size	Standard
Nominal size	7.1 mm
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
Product weight	4.56 g
Pneumatic connection, port 1	For tubing outside diameter 8 mm
Pneumatic connection, port 2	For tubing outside diameter 8 mm
Colour of release ring	blue
Materials note	Conforms to RoHS
Material housing	PBT
Material release ring	POM
Material of tubing seal	NBR
Material of tube retaining claw	High alloy steel, non-corrosive