

# Push-in fitting NPQE-L-R18-Q10-F1A-P10

Part number: 8158782

FESTO



 General operating condition

## Data sheet

Feature	Value
Size	Standard
Nominal size	6.5 mm
Type of seal on screwed plug	Coating
Mounting position	Any
Design	L-shape
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 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
Product weight	13.24 g
Type of mounting	External hex SW14
Pneumatic connection, port 1	Male thread R1/8
Pneumatic connection, port 2	For tubing outside diameter of 10 mm
Colour of release ring	Blue
Note on materials	RoHS compliant
Material housing	PBT High-alloy stainless steel
Material thread seal	PTFE
Material release ring	POM
Material tubing seal	NBR
Material tubing clamp component	High-alloy stainless steel