

Plug
NPQR-H-Q8-E
Part number: 8085731

FESTO



Data sheet

Feature	Value
Size	Standard
Nominal size	7 mm
Tubing insertion depth	16.8 mm
Mounting position	optional
Design	Bulkhead
Size of pack	1
Design	Push-pull principle
Symbol	00997424
Operating pressure complete temperature range	-0.095 MPa ... 1.6 MPa
Operating pressure complete temperature range	-0.95 bar ... 16 bar
Operating pressure complete temperature range	-13.775 psi ... 232 psi
Note on operating pressure	Water: max. 0.7 MPa at 0 - 80 °C
Certificate issuing authority	NSF C0556009
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free)
Note on operating and pilot medium	Lubricated operation possible
Corrosion resistance class CRC	4 - Very high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Suitability for the production of Li-ion batteries	Metals with more than 1% copper, zinc or nickel by mass are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils
Cleanroom class	Class 4 according to ISO 14644-1
Suitable for use with food	See declaration of conformity NSF/ANSI 169
Ambient temperature	-20 °C ... 150 °C
Product weight	37.1 g
Pneumatic connection, port 1	For tubing outer diameter of 8 mm
Pneumatic connection, port 2	For tubing outside diameter of 8 mm
Note on materials	RoHS-compliant
Material housing	High-alloy stainless steel
Guard ring material	High-alloy stainless steel
Material release ring	High-alloy stainless steel
Material nut	High-alloy stainless steel
Material tubing seal	FPM

Feature	Value
Material tubing clamp component	High-alloy stainless steel
Thrust ring material	PPSU