Plug
NPQR-H-Q8-E

Part number: 8085731

Data sheet

Feature	Value
Size	Standard
Nominal size	7 mm
Tubing insertion depth	16.8 mm
Mounting position	Any
Design	Bulkhead Push-pull principle
Size of pack	1
Operating pressure complete temperature range	-0.095 MPa...1.6 MPa -0.95 bar...16 bar -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	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
Suitable for use with food	See declaration of conformity NSF/ANSI 169
Ambient temperature	-20 °C...150 °C
Min. tightening torque	15 Nm
Max. tightening torque	20 Nm
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
Colour of release ring	Silver
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

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