

# Plug connector NPQR-D-Q12-Q10

Part number: 8085707

**FESTO**



## Data sheet

Feature	Value
Size	Standard
Nominal width	9 mm
Tubing insertion depth	19.6 mm...22.4 mm
Note on the tubing insertion depth	Ø10 depth 19.6 mm Ø12 depth 22.4 mm
Mounting position	Any
Design	Straight design
Pack size	1
Structural design	Push-pull principle
Operating pressure for entire temperature range	-0.095 MPa...1.6 MPa -0.95 bar...16 bar -13.775 psi...232 psi
Information on operating pressure	Water: max. 0.7 MPa at 0 - 80 °C
Certificate issuing authority	NSF C0556009
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free)
Information on operating and pilot media	Operation with oil lubrication possible
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Suitability for the production of Li-ion batteries	Product corresponds to Festo's internal product definition for use in battery production: Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel in steel, chemically nickel-plated surfaces, circuit boards, cables, electrical plug connectors and coils
Cleanroom class	Class 4 according to ISO 14644-1
For use in the food industry	See declaration of conformity NSF/ANSI 169
Ambient temperature	-20 °C...150 °C
Product weight	39.6 g
Pneumatic connection 1	for pneumatic tubing outside diameter 12 mm
Pneumatic connection 2	for pneumatic tubing outside diameter 10 mm
Note on materials	RoHS-compliant
Housing material	High-alloy stainless steel
Guard ring material	High-alloy stainless steel

Feature	Value
Releasing ring material	High-alloy stainless steel
Material of tubing seal	FPM
Material of tube retaining claw	High-alloy stainless steel
Thrust ring material	PPSU