Push-in fitting
NPQH-D-G12-Q10-P10

Part number: 578349



Data sheet

Feature	Value
Size	Standard
Nominal size	8 mm
Tubing insertion depth	18.3 mm
Type of seal on screwed plug	Sealing ring
Mounting position	Any
Design	Straight design Push-pull principle
Size of pack	10
Operating pressure complete temperature range	-0.095 MPa...2 MPa -0.95 bar...20 bar -13.775 psi...290 psi
Note on operating pressure	Water: max. 0.6 MPa at 0 - 50 °C
Certificate issuing authority	NSF C0523185
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	3 - high corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
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	0 °C...150 °C
Nominal torque	9 Nm
Tolerance for nominal tightening torque	±20%
Product weight	35.4 g
Type of mounting	External hex SW16 Internal hexagon A/F 8
Pneumatic connection, port 1	Male thread G1/2
Pneumatic connection, port 2	For tubing outside diameter of 10 mm
Colour of release ring	Silver
Note on materials	RoHS compliant
Material housing	Brass, chemically nickel-plated
Material thread seal	Fluoro rubber

Feature	Value
Guard ring material	PEI
Material release ring	Chemically nickel-plated brass
Material tubing seal	Fluoro rubber
Material tubing clamp component	High-alloy stainless steel
Thrust ring material	PEI