Push-in fitting
NPQH-D-G12-Q14-P10

Part number: 578351



Data sheet

Feature	Value
Size	Standard
Nominal size	12 mm
Tubing insertion depth	22.5 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	43.4 g
Type of mounting	External hex SW22 Internal hex SW12
Pneumatic connection, port 1	Male thread G1/2
Pneumatic connection, port 2	For tubing outside diameter of 14 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