Push-in fitting
NPQO-D-G18-Q8-P10

Part number: 8203296



Data sheet

Feature	Value
Nominal size	6.2 mm
Tubing insertion depth	17.6 mm
Type of seal on screwed plug	O-ring
Mounting position	Any
Design	Straight design Push-pull principle
Size of pack	10
Operating pressure complete temperature range	-0.09 MPa...2 MPa -0.9 bar...20 bar -13.05 psi...290 psi
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gas Carbon dioxide Air Oxygen Nitrogen
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Suitable for use with food	See supplementary material information
Media temperature	0 °C...120 °C
Ambient temperature	0 °C...120 °C 32 °F...248 °F
Biocompatibility according to standard	ISO 18562
Oxygen suitability according to standard	ASTM G 93 ISO 15001
Maximum impurity level for hydrocarbons	550 MGM
Max. tightening torque	6 Nm
Nominal torque	5 Nm
Tolerance for nominal tightening torque	±10%
Product weight	12.35 g
Pneumatic connection, port 1	Male thread G1/8
Pneumatic connection, port 2	For tubing outside diameter of 8 mm
Colour of release ring	White
Material screwed plug	High-alloy stainless steel

Feature	Value
Note on materials	RoHS compliant
Material housing	High-alloy stainless steel
Material thread seal	Fluoro rubber
Material release ring	PVDF
Material o-ring	Fluoro rubber
Material tubing seal	Fluoro rubber
Material tubing clamp component	High-alloy stainless steel
Thrust ring material	PVDF