Bulkhead push-in fitting
QSSF-1/2-12-B

Part number: 153171



Data sheet

Feature	Value
Size	Standard
Nominal width	11 mm
Tubing insertion depth	23.3 mm
Mounting position	Any
Design	Bulkhead
Pack size	1
Structural design	Push-pull principle
Operating pressure for entire temperature range	-0.095 MPa...0.6 MPa -0.95 bar...6 bar -13.775 psi...87 psi
Temperature-dependent operating pressure	-0.095 MPa...1.4 MPa -0.95 bar...14 bar -13.775 psi...203 psi
Information on operating pressure	Water: max. 0.6 MPa at max. 50 °C
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free)
Information on operating and pilot media	Lubricated operation possible
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 4 according to ISO 14644-1
Ambient temperature	-10 °C...80 °C
Nominal tightening torque	26 Nm
Tolerance for nominal tightening torque	±20%
Product weight	70 g
Type of mounting	External hexagon SW24 External hexagon SW27
Pneumatic connection 1	Internal thread G1/2
Pneumatic connection 2	for pneumatic tubing outside diameter 12 mm
Releasing ring color	Blue
Note on materials	RoHS compliant
Housing material	Brass, nickel-plated
Releasing ring material	POM
Nut material	Brass, nickel-plated

Feature	Value
Material of tubing seal	NBR
Material of tube retaining claw	high-alloy stainless steel