Push-in fitting
QS-G1/4-6

Part number: 186097



Data sheet

Feature	Value
Size	Standard
Nominal size	5 mm
Tubing insertion depth	17 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...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
Note on operating pressure	Water: max. 0.6 MPa at max. 50°C
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free)
Note on operating and pilot medium	Lubricated operation possible Water: G-thread only possible with sealing ring type OL as additional accessory
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 torque	9 Nm
Tolerance for nominal tightening torque	±20%
Product weight	17 g
Type of mounting	External hex SW17
Pneumatic connection, port 1	Male thread G1/4
Pneumatic connection, port 2	For tubing outside diameter of 6 mm
Colour of release ring	Blue
Note on materials	RoHS compliant
Material housing	Brass, nickel-plated
Material release ring	POM

Feature	Value
Material tubing seal	NBR
Material tubing clamp component	High-alloy stainless steel