

# Push-in fitting, self-sealing QSMK-1/8-6

Part number: 153420

FESTO



 General operating condition

## Data sheet

Feature	Value
Size	Standard
Nominal width	3 mm
Approved tubing type	PAN- PAN-MF- PAN-R- PAN-VO- PEN- PFAN- PLN- PTFEN- PUN- PUN-CM- PUN-DUO- PUN-H- PUN-H-DUO- PUN-S- PUN-S-DUO- PUN-VO-
Tubing insertion depth	13.5 mm
Type of seal on screwed plug	Coating
Mounting position	Any
Design	Straight design
Pack size	1
Structural design	Push-pull principle
Operating pressure for entire temperature range	-0.095 MPa ... 0.6 MPa
Operating pressure for entire temperature range	-0.95 bar ... 6 bar
Operating pressure for entire temperature range	-13.775 psi ... 87 psi
Temperature-dependent operating pressure	-0.095 MPa ... 1.4 MPa
Temperature-dependent operating pressure	-0.95 bar ... 14 bar
Temperature-dependent operating pressure	-13.775 psi ... 203 psi
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-]
Information on operating and pilot media	Operation with oil lubrication possible
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 °C ... 80 °C
Nominal tightening torque	7 Nm
Tolerance for nominal tightening torque	± 20%
Product weight	9.5 g
Type of mounting	External hexagon, AF 10
Pneumatic connection 1	External thread R1/8

<b>Feature</b>	<b>Value</b>
Pneumatic connection 2	for pneumatic tubing outside diameter 6 mm
Releasing ring color	Blue
Note on materials	RoHS-compliant
Housing material	Brass, nickel-plated
Releasing ring material	POM
Material of tubing seal	NBR
Material of tube retaining claw	High-alloy stainless steel