

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

Part number: 153420

FESTO

male thread with external hexagon.



## Data sheet

Feature	Value
Size	Standard
Nominal size	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 screw-in stud	coating
Assembly position	Any
Design	Straight design
Container size	1
Design structure	Push/pull principle
Operating pressure for entire temperature range	-0.095 ... 0.6 MPa
Operating pressure complete temperature range	-0.95 ... 6 bar
Operating pressure for entire temperature range	-13.775 ... 87 psi
Temperature-dependent operating pressure	-0.095 ... 1.4 MPa
Temperature dependent operating pressure	-0.95 ... 14 bar
Temperature-dependent operating pressure	-13.775 ... 203 psi
Maritime classification	see certificate
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 ... 80 °C
Nominal tightening torque	7 Nm
Tolerance for nominal tightening torque	± 20 %
Product weight	9.5 g
Mounting type	External hex A/F 10
Pneumatic connection, port 1	Male thread R1/8
Pneumatic connection, port 2	For tubing outside diameter 6 mm
Colour of release ring	blue
Materials note	Conforms to RoHS
Material housing	Nickel-plated brass
Material release ring	POM
Material of tubing seal	NBR
Material of tube retaining claw	High alloy steel, non-corrosive