

# push-in fitting QS-1/4-12

Part number: 164980

★ Core product range

male thread with external hexagon.

FESTO



## Data sheet

Feature	Value
Size	Standard
Nominal size	8.5 mm
Type of seal on screw-in stud	coating
Assembly position	Any
Design	Straight design
Container size	10
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:-:-] Water as per manufacturer's declaration at <a href="http://www.festo.com">www.festo.com</a>
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	9 Nm
Tolerance for nominal tightening torque	± 20 %
Product weight	37 g
Mounting type	External hex A/F 21
Pneumatic connection, port 1	Male thread R1/4
Pneumatic connection, port 2	For tubing outside diameter 12 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