

Push-in fitting QS-V0-1/4-12

Part number: 160505

FESTO

male thread with external hexagon.



Data sheet

Feature	Value
Size	Standard
Nominal size	8.5 mm
Material fire test	UL94 V-0 (housing) UL94 V-0 (releasing ring)
Type of seal on screw-in stud	coating
Design	Straight design
Container size	1
Design structure	Push/pull principle
Operating pressure for entire temperature range	-0.095 ... 1 MPa
Operating pressure complete temperature range	-0.95 ... 10 bar
Operating pressure for entire temperature range	-13.775 ... 145 psi
Note on working pressure	Water: max. 0.6 MPa at max. 50°C
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-] Water (liquid, free of ice)
Note on operating and pilot medium	Lubricated operation possible
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	0 ... 60 °C
Nominal tightening torque	9 Nm
Tolerance for nominal tightening torque	± 20 %
Product weight	28 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
color of release ring	Black
Material of threaded plug	Nickel-plated brass
Materials note	Conforms to RoHS
Material housing	PBT
Material release ring	PBT
Material of tubing seal	NBR
Material of tube retaining claw	High alloy steel, non-corrosive Brass