

Push-in fitting QS-V0-1/8-8

Part number: 160501

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Size	Standard
Nominal size	6 mm
Fire test material	UL94 V-0 (housing) UL94 V-0 (releasing ring)
Type of seal on screwed plug	Coating
Design	Straight design
Size of pack	10
Design	Push-pull principle
Operating pressure complete temperature range	-0.095 MPa ... 1 MPa
Operating pressure complete temperature range	-0.95 bar ... 10 bar
Operating pressure complete temperature range	-13.775 psi ... 145 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
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	0 °C ... 60 °C
Nominal torque	7 Nm
Tolerance for nominal tightening torque	± 20%
Product weight	14 g
Type of mounting	External hexagon, size 14 mm
Pneumatic connection, port 1	Male thread R1/8
Pneumatic connection, port 2	For tubing outside diameter of 8 mm
Colour of release ring	Black
Material screwed plug	Nickel-plated brass
Note on materials	RoHS-compliant
Material housing	PBT
Material release ring	PBT
Material tubing seal	NBR
Material tubing clamp component	High-alloy stainless steel Brass