

Push-in fitting QS-V0-G1/4-12

Part number: 186319

FESTO



 General operating condition

Data sheet

Feature	Value
Size	Standard
Nominal width	8.5 mm
Material fire test	UL94 V-0 (housing) UL94 V-0 (releasing ring)
Type of seal on screwed plug	Sealing ring
Design	Straight design
Pack size	1
Structural design	Push-pull principle
Operating pressure for entire temperature range	-0.095 MPa ... 1 MPa
Operating pressure for entire temperature range	-0.95 bar ... 10 bar
Operating pressure for entire temperature range	-13.775 psi ... 145 psi
Information on operating pressure	Water: max. 0.6 MPa at max. 50 °C
Operating medium	Compressed air as per ISO 8573-1:2010 [7:...] Water (liquid, ice-free)
Information on operating and pilot media	Operation with oil lubrication possible
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	0 °C ... 60 °C
Nominal tightening torque	9 Nm
Tolerance for nominal tightening torque	± 20%
Product weight	30 g
Type of mounting	External hexagon, AF 21
Pneumatic connection 1	External thread G1/4
Pneumatic connection 2	for pneumatic tubing outside diameter 12 mm
Releasing ring color	Black
Material of screwed plug	Brass, nickel-plated
Note on materials	RoHS-compliant
Housing material	PBT
Material of threaded seal	Aluminum PBT
Releasing ring material	PBT
Material of tubing seal	NBR
Material of tube retaining claw	High-alloy stainless steel Brass