

# Push-in fitting CRQS-1/2-12

Part number: 162868

FESTO

male thread with external hexagon.



## Data sheet

Feature	Value
Size	Standard
Nominal size	8.1 mm
Assembly position	Any
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	4 - Very high corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Food-safe	See Supplementary material information
Ambient temperature	-15 ... 120 °C
Product weight	55 g
Usable wires	PFAN
Mounting type	External hex A/F 22
Pneumatic connection, port 1	Male thread R1/2
Pneumatic connection, port 2	For tubing outside diameter 12 mm
Material of threaded plug	High alloy steel, non-corrosive
Materials note	Conforms to RoHS
Material housing	High alloy steel, non-corrosive
Material release ring	High alloy steel, non-corrosive
Material of tubing seal	FPM
Material of tube retaining claw	High alloy steel, non-corrosive
Thrust ring material	High alloy steel, non-corrosive