

# Rotary push-in connectors

## QSR-G3/8-8

Part number: 186281

FESTO

360° rotatable, with ball bearing, male thread with external hexagon.



### Data sheet

Feature	Value
Size	Standard
Nominal size	5 mm
Type of seal on screw-in stud	Sealing ring
Assembly position	Any
Design	Straight design
Container size	1
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 working pressure	-0.95 ... 14 bar
Temperature-dependent operating pressure	-13.775 ... 203 psi
Max. speed	400 1/min
Maritime classification	see certificate
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-]
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	0 ... 60 °C
Max. radial moment	0.015 Nm
Nominal tightening torque	15.5 Nm
Tolerance for nominal tightening torque	± 20 %
Product weight	40 g
Mounting type	External hexagon A/F 19
Pneumatic connection, port 1	Male thread G3/8
Pneumatic connection, port 2	For tubing outside diameter 8 mm
color of release ring	blue
Materials note	Conforms to RoHS
Material housing	PBT
Material release ring	POM
Material of tubing seal	NBR
Material of tube retaining claw	High alloy steel, non-corrosive