

Rotary push-in connectors

QSR-G1/2-12

Part number: 186284

FESTO

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



Data sheet

| Feature | Value |
|---|---|
| Size | Standard |
| Nominal size | 8 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 | 200 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 | 0.025 Nm |
| Nominal tightening torque | 26 Nm |
| Tolerance for nominal tightening torque | ± 20 % |
| Product weight | 79 g |
| Mounting type | External hex A/F 24 |
| Pneumatic connection, port 1 | Male thread G1/2 |
| Pneumatic connection, port 2 | For tubing outside diameter 12 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 |