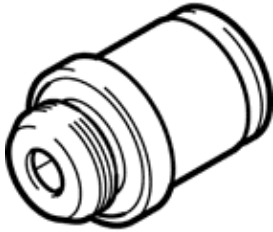


# Push-in fitting NPQH-DK-M5-Q6-P10

Part number: 578371  
Product to be discontinued

Type to be discontinued. Available until 2024. See Support Portal for alternative products.

FESTO



## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Standard  |
| Nominal size                                    | 2.5 mm  |
| Tubing insertion depth                          | 15.8 mm   |
| Type of seal on screw-in stud                   | Sealing ring  |
| Assembly position                               | Any   |
| Design  | Straight design   |
| Container size                                  | 10  |
| Design structure                                | Push/pull principle   |
| Operating pressure for entire temperature range | -0.095 ... 2 MPa  |
| Operating pressure complete temperature range   | -0.95 ... 20 bar  |
| Operating pressure for entire temperature range | -13.775 ... 290 psi   |
| Note on working pressure                        | Water: max. 0.6 MPa at 0 - 50 °C  |
| Certificate issuing department                  | NSF C0523185  |
| Operating medium                                | Compressed air in accordance with ISO8573-1:2010 [7:-:-]<br>Water (liquid, free of ice) |
| Note on operating and pilot medium              | Lubricated operation possible   |
| Corrosion resistance classification CRC         | 3 - High corrosion stress   |
| PWIS conformity                                 | VDMA24364-B1/B2-L   |
| Cleanroom class                                 | ISO class 4   |
| Food-safe                                       | See declaration of conformity<br>NSF/ANSI 169   |
| Ambient temperature                             | 0 ... 150 °C  |
| Nominal tightening torque                       | 1 Nm  |
| Tolerance for nominal tightening torque         | ± 20 %  |
| Product weight                                  | 8.8 g   |
| Mounting type                                   | Internal hex A/F 2.5  |
| Pneumatic connection, port 1                    | Male thread M5  |
| Pneumatic connection, port 2                    | For tubing outside diameter 6 mm  |
| Materials note                                  | Conforms to RoHS  |
| Material housing                                | Brass, chemically nickel-plated   |
| Material of threaded seal                       | FPM   |
| Guard ring material                             | PEI   |
| Material release ring                           | Brass, chemically nickel-plated   |
| Material of tubing seal                         | FPM   |
| Material of tube retaining claw                 | High alloy steel, non-corrosive   |
| Thrust ring material                            | PEI   |