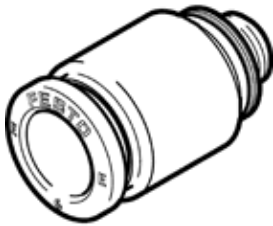


# Cartridge

## NPQX-D-PC19-Q12-P10

Part number: 8174171  
New

FESTO



### Data sheet

| Feature   | Value   |
|---|---|
| Size  | Standard  |
| Nominal size                                    | 10 mm   |
| Tubing insertion depth                          | 19.5 mm   |
| Type of seal on screw-in stud                   | O-ring  |
| Assembly position                               | Any   |
| Design  | Straight design   |
| Container size                                  | 10  |
| Design structure                                | Push/pull principle   |
| Operating pressure MPa                          | -0.095 ... 1 MPa  |
| Working pressure                                | -0.95 ... 10 bar  |
| Operating pressure                              | -13.775 ... 145 psi   |
| 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   |
| Operating medium                                | Compressed air in accordance with ISO8573-1:2010 [7:4:4]<br>Inert gases     |
| Note on operating and pilot medium              | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC         | 3 - High corrosion stress   |
| PWIS conformity                                 | VDMA24364-B1/B2-L   |
| Ambient temperature                             | -10 ... 60 °C   |
| Product weight                                  | 7.6 g   |
| Mounting type                                   | with retaining clamp  |
| Pneumatic connection, port 1                    | Cartridge 15 mm   |
| Pneumatic connection, port 2                    | For tubing outside diameter 12 mm   |
| color of release ring                           | blue  |
| Materials note                                  | Conforms to RoHS  |
| Material housing                                | Anodised aluminium  |
| Material release ring                           | POM   |
| Material o-ring                                 | HNBR  |
| Material of tubing seal                         | HNBR  |
| Material of tube retaining claw                 | High alloy steel, non-corrosive   |