

# Push-in connector NPQE-D-Q10-Q8-F1A-P10

Part number: 8158792

FESTO



## Data sheet

| Feature  | Value   |
|--|---|
| Size   | Standard  |
| Nominal width                                      | 7.1 mm  |
| Mounting position                                  | Any   |
| Design   | Straight design   |
| Pack size  | 10  |
| Structural design                                  | Push-pull principle   |
| Variants   | Metals with copper, zinc or nickel by mass as main constituent are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils.  |
| Operating pressure for entire temperature range    | -0.095 MPa...0.8 MPa<br>-0.95 bar...8 bar<br>-13.775 psi...116 psi  |
| Operating medium                                   | Compressed air as per ISO 8573-1:2010 [7:4:4]   |
| Information on operating and pilot media           | Operation with oil lubrication possible   |
| Corrosion resistance class (CRC)                   | 1 - Low corrosion stress  |
| LABS (PWIS) conformity                             | VDMA24364 zone III  |
| Suitability for the production of Li-ion batteries | Product corresponds to Festo's internal product definition for use in battery production: Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel in steel, chemically nickel-plated surfaces, circuit boards, cables, electrical plug connectors and coils |
| Cleanroom class                                    | Class 4 according to ISO 14644-1  |
| Ambient temperature                                | -5 °C...60 °C   |
| Product weight                                     | 6.26 g  |
| Pneumatic connection 1                             | for pneumatic tubing outside diameter 10 mm   |
| Pneumatic connection 2                             | for pneumatic tubing outside diameter 8 mm  |
| Releasing ring color                               | Blue  |
| Note on materials                                  | RoHS-compliant  |
| Housing material                                   | PBT   |
| Releasing ring material                            | POM   |
| Material of tubing seal                            | NBR   |
| Material of tube retaining claw                    | High-alloy stainless steel  |