

# Push-in fitting NPQE-L-R14-Q12-F1A-P10

Part number: 8158786

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Size  | Standard   |
| Nominal width   | 8.5 mm   |
| Type of seal on screwed plug                              | Coating  |
| Mounting position   | Any  |
| Design  | L-shape  |
| 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   |
| Operating pressure for entire temperature range           | -0.95 bar ... 8 bar  |
| Operating pressure for entire temperature range           | -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        | Suitable for battery production with reduced Cu/Zn/Ni values (F1a)   |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1   |
| Ambient temperature                                       | -5 °C ... 60 °C  |
| Product weight  | 24.03 g  |
| Type of mounting  | External hexagon, AF 17  |
| Pneumatic connection 1                                    | External thread R1/4   |
| Pneumatic connection 2                                    | for pneumatic tubing outside diameter 12 mm  |
| Releasing ring color                                      | Blue   |
| Note on materials   | RoHS-compliant   |
| Housing material  | PBT<br>High-alloy stainless steel  |
| Material of threaded seal                                 | PTFE   |
| Releasing ring material                                   | POM  |
| Material of tubing seal                                   | NBR  |
| Material of tube retaining claw                           | High-alloy stainless steel   |