

## Plug connector NPQR-L-Q6-E

Part number: 8085710

**FESTO**



## Data sheet

| Feature  | Value   |
|--|---|
| Size   | Standard  |
| Nominal width                                      | 5 mm  |
| Tubing insertion depth                             | 13.1 mm   |
| Mounting position                                  | Any   |
| Design   | L-shape   |
| Pack size  | 1   |
| Structural design                                  | Push-pull principle   |
| Operating pressure for entire temperature range    | -0.095 MPa...1.6 MPa<br>-0.95 bar...16 bar<br>-13.775 psi...232 psi   |
| Information on operating pressure                  | Water: max. 0.7 MPa at 0 - 80 °C  |
| Certificate issuing authority                      | NSF C0556009  |
| Operating medium                                   | Compressed air as per ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free)   |
| Information on operating and pilot media           | Operation with oil lubrication possible   |
| Corrosion resistance class (CRC)                   | 4 - Particularly high corrosion stress  |
| LABS (PWIS) conformity                             | VDMA24364-B2-L  |
| 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  |
| For use in the food industry                       | See declaration of conformity<br>NSF/ANSI 169   |
| Ambient temperature                                | -20 °C...150 °C   |
| Product weight                                     | 14.9 g  |
| Pneumatic connection 1                             | For pneumatic tubing outside diameter 6 mm  |
| Pneumatic connection 2                             | for pneumatic tubing outside diameter 6 mm  |
| Note on materials                                  | RoHS-compliant  |
| Housing material                                   | High-alloy stainless steel  |
| Guard ring material                                | High-alloy stainless steel  |
| Releasing ring material                            | High-alloy stainless steel  |
| Material of tubing seal                            | FPM   |

| Feature                         | Value                      |
|---------------------------------|----------------------------|
| Material of tube retaining claw | High-alloy stainless steel |
| Thrust ring material            | PPSU                       |