

**Plug**  
**NPQR-D-Q6-E**  
Part number: 8085698

**FESTO**



## Data sheet

| Feature                                                   | Value                                                                 |
|-----------------------------------------------------------|-----------------------------------------------------------------------|
| Size                                                      | Standard                                                              |
| Nominal size                                              | 5 mm                                                                  |
| Tubing insertion depth                                    | 16 mm                                                                 |
| Mounting position                                         | Any                                                                   |
| Design                                                    | Straight design<br>Push-pull principle                                |
| Size of pack                                              | 1                                                                     |
| Operating pressure complete temperature range             | -0.095 MPa...1.6 MPa<br>-0.95 bar...16 bar<br>-13.775 psi...232 psi   |
| Note on operating pressure                                | Water: max. 0.7 MPa at 0 - 80 °C                                      |
| Certificate issuing authority                             | NSF C0556009                                                          |
| Operating medium                                          | Compressed air to ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free) |
| Note on operating and pilot medium                        | Lubricated operation possible                                         |
| Corrosion resistance class CRC                            | 4 - Very high corrosion stress                                        |
| LABS (PWIS) conformity                                    | VDMA24364-B2-L                                                        |
| 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                                      |
| Suitable for use with food                                | See declaration of conformity<br>NSF/ANSI 169                         |
| Ambient temperature                                       | -20 °C...150 °C                                                       |
| Product weight                                            | 15 g                                                                  |
| Pneumatic connection, port 1                              | For tubing outside diameter of 6 mm                                   |
| Pneumatic connection, port 2                              | For tubing outside diameter of 6 mm                                   |
| Colour of release ring                                    | Silver                                                                |
| Note on materials                                         | RoHS compliant                                                        |
| Material housing                                          | High-alloy stainless steel                                            |
| Guard ring material                                       | High-alloy stainless steel                                            |
| Material release ring                                     | High-alloy stainless steel                                            |
| Material tubing seal                                      | Fluoro rubber                                                         |
| Material tubing clamp component                           | High-alloy stainless steel                                            |
| Thrust ring material                                      | PPSU                                                                  |

