


Plug
NPQR-D-Q8-Q6
Part number: 8085705

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|---|
| Size | Standard |
| Nominal size | 5 mm |
| Tubing insertion depth | 16.1 mm ... 17.05 mm |
| Note on the tubing insertion depth | Ø6 depth 16.1 mm Ø8 depth 17.05 mm |
| Mounting position | Any |
| Design | Straight design |
| Size of pack | 1 |
| Design | Push-pull principle |
| Symbol | 00997424 |
| Operating pressure complete temperature range | -0.095 MPa ... 1.6 MPa |
| Operating pressure complete temperature range | -0.95 bar ... 16 bar |
| Operating pressure complete temperature range | -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:-:-] 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 NSF/ANSI 169 |
| Ambient temperature | -20 °C ... 150 °C |
| Product weight | 16.7 g |
| Pneumatic connection, port 1 | For tubing outer diameter of 8 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 |