

# Push-in fitting NPQR-DK-M7-Q6

Part number: 8085660

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Standard  |
| Nominal size  | 4.2 mm  |
| Tubing insertion depth                                    | 13.5 mm   |
| Type of seal on screwed plug                              | Sealing ring  |
| Mounting position   | optional  |
| 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:-:-]<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   |
| Nominal torque  | 3 Nm  |
| Tolerance for nominal tightening torque                   | ± 20%   |
| Product weight  | 5.8 g   |
| Type of mounting  | Internal hexagon, size 4 mm   |
| Pneumatic connection, port 1                              | Male thread M7  |
| 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  |
| Material thread seal                                      | FPM   |
| Guard ring material                                       | High-alloy stainless steel  |
| Material release ring                                     | High-alloy stainless steel  |

| <b>Feature</b>                  | <b>Value</b>               |
|---------------------------------|----------------------------|
| Material tubing seal            | FPM                        |
| Material tubing clamp component | High-alloy stainless steel |
| Thrust ring material            | PPSU                       |