FESTO

Push-in fitting NPQE-L-M7-Q6-F1A-P10 Part number: 8158778



Data sheet

Size Mini Nominal width 2.3 mm Type of seal on screwed plug Sealing ring 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 conn and coils. Operating pressure for entire temperature range -0.095 MPa0.8 MPa -0.95 bar8 bar -13.775 psi116 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 UABS (PWIS) conformity VDMA24364 zone III Suitability for the production of Li-ion batteries Product corresponds to Festo's internal product definition for use is battery production:Metals with more than 1% by mass of copper, 2 or nickel are excluded from use. The exceptions are nickel in steel, chemically nickel-plated surfaces, circuit boards, cables, electrical connectors and coils Cleanroom class Class 4 according to ISO 14644-1 Ambient temperature -5 °C60 °C
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Nominal tightening torque 2 Nm
Tolerance for nominal tightening torque ± 5 %
Product weight 5.71 g
Type of mounting External hexagon, AF 10
Pneumatic connection 1 External thread M7
Pneumatic connection 2 for pneumatic tubing outside diameter 6 mm
Releasing ring color Blue
Note on materials RoHS-compliant

Feature	Value
Housing material	PBT High-alloy stainless steel
Material of threaded seal	NBR High-alloy stainless steel
Releasing ring material	РОМ
O-ring material	NBR
Material of tubing seal	NBR
Material of tube retaining claw	High-alloy stainless steel