FESTO

Push-in fitting NPQE-L-M5-Q4-F1A-P10 Part number: 8158775



Data sheet

tominal width 2.3 mm Sealing ring Any Sealing ring Any Leshape Leshape Ack size 10 Push-pull principle Ariants 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 connectors and coils. Deparating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operation on operating and pilot media Operation with oil lubrication possible Orosion resistance class (CRC) 1 - Low corrosion stress ABS (PWIS) conformity VDMA24364 zone III 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 Class 4 according to ISO 14644-1 Leanroom class Class 4 according to ISO 14644-1 John Tomation on class Class 4 according to ISO 14644-1 John Tomation on class Class 6 cording to ISO 14644-1 John Tomation on class Class 6 cording to ISO 14644-1 John Tomation on class Class 6 cording to ISO 14644-1 John Tomation on class Class 6 cording to ISO 14644-1 John Tomation on class Class 6 cording to ISO 14644-1 John Tomation on class Class 6 cording to ISO 14644-1 John Tomation on class Class 7 cordinal tightening torque John Tomation on class Class 6 cording to ISO 14644-1 John Tomation on class Class 7 cordinal tightening torque John Tomation on cordinal tightening torque John Tomation on cordinal tightening torque John Tomation on class External hexagon, AF 8	Feature	Value
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ABS (PWIS) conformity VDMA24364 zone III 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 Class 4 according to ISO 14644-1 Imbient temperature -5 °C60 °C Iominal tightening torque 0.8 Nm olerance for nominal tightening torque ± 5 % roduct weight 3.2 g External hexagon, AF 8	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
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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 Class 4 according to ISO 14644-1 Imbient temperature -5 °C60 °C Iominal tightening torque 0.8 Nm Iolerance for nominal tightening torque ± 5 % Irroduct weight 3.2 g Internal hexagon, AF 8	LABS (PWIS) conformity	VDMA24364 zone III
mbient temperature -5 °C60 °C Iominal tightening torque olerance for nominal tightening torque ± 5 % Irroduct weight 3.2 g ype of mounting External hexagon, AF 8	Suitability for the production of Li-ion batteries	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
lominal tightening torque 0.8 Nm olerance for nominal tightening torque ± 5 % roduct weight 3.2 g ype of mounting External hexagon, AF 8	Cleanroom class	Class 4 according to ISO 14644-1
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roduct weight 3.2 g ype of mounting External hexagon, AF 8	Nominal tightening torque	0.8 Nm
ype of mounting External hexagon, AF 8	Tolerance for nominal tightening torque	± 5 %
	Product weight	3.2 g
	Type of mounting	External hexagon, AF 8
neumatic connection 1 External thread M5	Pneumatic connection 1	External thread M5
reumatic connection 2 for pneumatic tubing outside diameter 4 mm	Pneumatic connection 2	for pneumatic tubing outside diameter 4 mm
eleasing ring color Blue	Releasing ring color	Blue
lote on materials RoHS-compliant	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