FESTO

Push-in fitting NPQE-DK-G14-Q10-F1A-P10 Part number: 8144605



Data sheet

Any Sealing ring	Feature	Value
Sealing ring	Size	Standard
Any Any Design Straight design Straight design Push-pull principle Arack size 10 Push-pull principle Araiants 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 pressure for entire temperature range -0.095 MPa0.8 MPa -0.95 bar8 bar -13.775 psi116 psi Deparating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible Deparating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible Deparating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible Deparating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible 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 inckel-plated surfaces, circuit boards, cables, electrical plug connectors and coils Cleanroom class Class 4 according to ISO 14644-1 Cleanroom class Class 4 according to ISO 14644-1 Deparating to ISO 14644-1 Deparatic temperature 2 5°C60°C 9 Nm Internal hexagon, AF 7 Deparatic connection 1 External thread G1/4 To pneumatic connection 2 To pneumatic connection 2 To pneumatic connection 2 To pneumatic connection 2 To pneumatic connection 3 To pneumatic connection 4 To pneumatic connection 5 To pneumatic connection 6 To pneumatic connection 7 To pneumatic connection 8 To pneumatic connection 9 To pneumatic con	Nominal width	7 mm
Straight design Straight design Push-pull principle 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. Operating pressure for entire temperature range Operating pressure for entire temperature range Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operation on operating and pilot media Operation with oil lubrication possible Corrosion 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 Conduct weight 17 g Conduct weight 17 g Conduct weight Internal hexagon, AF 7 Conduct weight Connectors and coils Class 5 according to ISO 14644-1 Conduct weight Conduct weight Connectors and coils Class 6 according to ISO 14644-1 Conduct weight Conduct weight Connectors and coils Class 6 according to ISO 14644-1 Conduct weight Connectors and coils Class 6 according to ISO 14644-1 Conduct weight Connectors and coils Class 7 according to ISO 14644-1 Connectors and coils Class 8 according to ISO 14644-1 Connectors and coils Class 9 according to ISO 14644-1 Connectors and coils Class 9 according to ISO 14644-1 Connectors and coils Class 9 according to ISO 14644-1 Connectors and coils Class 9 according to ISO 14644-1 Connectors and coils Class 9 according to ISO 14644-1 Connectors and coils Class 9 according to ISO 14644-1 Connectors 9	Type of seal on screwed plug	Sealing ring
Pack size Structural design Push-pull principle 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. Operating pressure for entire temperature range Operating medium Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operation with oil lubrication possible Corrosion resistance class (CRC) 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 Ambient temperature -5 °C60 °C Nominal tightening torque 9 Nm Operating medium Internal hexagon, AF 7 Preumatic connection 1 External thread G1/4 Preumatic connection 2 Blue Note on materials RoHS-compliant	Mounting position	Any
Structural design Push-pull principle 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 pressure for entire temperature range -0.095 MPa0.8 MPa -0.95 bar8 bar -13.775 psi116 psi Deparating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operation on operating and pilot media Operation with oil lubrication possible Corrosion 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 Cleanroom class Class 4 according to ISO 14644-1 Ambient temperature -5 °C60 °C Vominal tightening torque 9 Nm Foreumatic connection 1 External hexagon, AF 7 Preumatic connection 2 For pneumatic tubing outside diameter 10 mm Blue Note on materials RoHS-compliant	Design	Straight design
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. 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 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 Cleanroom class Class 4 according to ISO 14644-1 Ambient temperature -5 °C60 °C Nominal tightening torque 9 Nm Foreduct weight 17 g Product weight 17 g Product connection 1 External thread G1/4 Produmatic connection 2 For pneumatic connection 2 For pneumatic tubing outside diameter 10 mm Blue Note on materials RoHS-compliant	Pack size	10
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-0.95 bar8 bar -13.775 psi116 psi Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operation on operating and pilot media Operation with oil lubrication possible Operation resistance class (CRC) 1 - Low corrosion stress VDMA24364 zone III Operation batteries 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 Cleanroom class Class 4 according to ISO 14644-1 Ambient temperature -5 °C60 °C Nominal tightening torque 9 Nm Folerance for nominal tightening torque ± 20% Product weight 17 g Operation with oil lubrication possible Compressed air as per ISO 8573-1:2010 [7:4:4] Operation with oil lubrication possible Compressed air as per ISO 8573-1:2010 [7:4:4] Operation with oil lubrication possible 1 - Low corrosion stress VDMA24364 zone III Product corresponds to Festo's internal product definition for use in battery productions are nickel in steel, chemically nickel-plated surfaces, circuit boards, cables, electrical plug connectors and coils Cleanroom class Class 4 according to ISO 14644-1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Variants	excluded from use. Exceptions are nickel in steel, chemically nickel- plated surfaces, printed circuit boards, cables, electrical plug connectors
Information on operating and pilot media Operation with oil lubrication possible Operation or nesistance class (CRC) 1 - Low corrosion stress 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 Clean room class Class 4 according to ISO 14644-1 Ambient temperature -5 °C60 °C Nominal tightening torque 9 Nm Foreduct weight 17 g Product weight 17 g Product weight Internal hexagon, AF 7 Preumatic connection 1 External thread G1/4 Preumatic connection 2 Rolessing ring color Blue Roles compliant	Operating pressure for entire temperature range	-0.95 bar8 bar
Torrosion resistance class (CRC) 1 - Low corrosion stress 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 Cleanroom class Class 4 according to ISO 14644-1 Ambient temperature -5 °C60 °C Nominal tightening torque 9 Nm Folerance for nominal tightening torque 220% Product weight 17 g Preumatic connection 1 External thread G1/4 Preumatic connection 2 Releasing ring color Roth South S	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
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 Cleanroom class Class 4 according to ISO 14644-1 Ambient temperature -5 °C60 °C Nominal tightening torque 9 Nm Folerance for nominal tightening torque 220% Product weight 17 g Preumatic connection 1 External thread G1/4 Preumatic connection 2 Releasing ring color RoHS-compliant	Information on operating and pilot media	Operation with oil lubrication possible
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 Cleanroom class Class 4 according to ISO 14644-1 Ambient temperature -5 °C60 °C Nominal tightening torque 9 Nm Tolerance for nominal tightening torque ± 20% Product weight 17 g Product weight Internal hexagon, AF 7 Preumatic connection 1 External thread G1/4 Preumatic connection 2 Releasing ring color RoHS-compliant	Corrosion resistance class (CRC)	1 - Low corrosion stress
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 Cleanroom class Class 4 according to ISO 14644-1 Ambient temperature -5 °C60 °C Nominal tightening torque 9 Nm Tolerance for nominal tightening torque ± 20% Product weight 17 g Product weight Internal hexagon, AF 7 Preumatic connection 1 External thread G1/4 Preumatic connection 2 Geleasing ring color RoHS-compliant Bule RoHS-compliant	LABS (PWIS) conformity	VDMA24364 zone III
Ambient temperature -5 °C60 °C Nominal tightening torque 9 Nm Folerance for nominal tightening torque ± 20% Froduct weight 17 g Five of mounting Internal hexagon, AF 7 Peneumatic connection 1 External thread G1/4 Peneumatic connection 2 for pneumatic tubing outside diameter 10 mm Releasing ring color Blue Note on materials RoHS-compliant	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
Nominal tightening torque 9 Nm Folerance for nominal tightening torque ± 20% Froduct weight 17 g Five of mounting Internal hexagon, AF 7 Freumatic connection 1 External thread G1/4 Freumatic connection 2 for pneumatic tubing outside diameter 10 mm Releasing ring color Blue RoHS-compliant	Cleanroom class	Class 4 according to ISO 14644-1
Folerance for nominal tightening torque ± 20% Product weight 17 g Fype of mounting Internal hexagon, AF 7 Product connection 1 External thread G1/4 Product connection 2 for pneumatic tubing outside diameter 10 mm Releasing ring color Blue Note on materials RoHS-compliant	Ambient temperature	-5 ℃60 ℃
Product weight 17 g Type of mounting Internal hexagon, AF 7 Preumatic connection 1 External thread G1/4 Preumatic connection 2 for pneumatic tubing outside diameter 10 mm Releasing ring color Blue Note on materials RoHS-compliant	Nominal tightening torque	9 Nm
Type of mounting Internal hexagon, AF 7 Pneumatic connection 1 External thread G1/4 Pneumatic connection 2 for pneumatic tubing outside diameter 10 mm Releasing ring color Blue Note on materials ROHS-compliant	Tolerance for nominal tightening torque	± 20%
Preumatic connection 1 External thread G1/4 Preumatic connection 2 for pneumatic tubing outside diameter 10 mm Releasing ring color Blue Note on materials RoHS-compliant	Product weight	17 g
Pneumatic connection 2 for pneumatic tubing outside diameter 10 mm Releasing ring color Blue Note on materials RoHS-compliant	Type of mounting	Internal hexagon, AF 7
Releasing ring color Blue Note on materials RoHS-compliant	Pneumatic connection 1	External thread G1/4
Note on materials RoHS-compliant	Pneumatic connection 2	for pneumatic tubing outside diameter 10 mm
<u>'</u>	Releasing ring color	Blue
Housing material High-alloy stainless steel	Note on materials	RoHS-compliant
	Housing material	High-alloy stainless steel

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