

INDUSTRIAL COMPONENT DATA

K-7E-M23 M9/2,0-D03/M23 F8 1620412 PHOENIX CONTACT

Connector in molded plastic on both sides

Brand: PHOENIX CONTACT | Manufacturer Part Number: K-7E-M23 M9/2,0-D03/M23 F8



Manufacturer	PHOENIX CONTACT
MPN / Reference	K-7E-M23 M9/2,0-D03/M23 F8
Catalog number	1620412
Category	Power cable less 1 kV, for moving application
Minimum order	2 Pcs
Document ID	EO-663B764F4C
Generated	2026-08-04

Product Overview

Connector in molded plastic on both sides

Plug-in connector coated with plastic on both sides, series: KSF, M23-Female, straight coated by plastic extrusion, number of poles: 4+3+PE, Lock type: Screw lock, to M23-Male, straight coated by plastic extrusion, number of poles: 4+3+PE, cable length: 2 m, shielded: yes, outer wrap color: orange RAL 2003

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Field Device Connectors (FDC)
--------------	---

Additional Product Information

Key Commercial Data

Orderkey 1620412

Packing unit 1 pc

Minimum order quantity 2 pc

Note Made to Order (non-returnable)

Catalog page Page 228 (C-2-2017)

GTIN 4046356831697

Weight per Piece (excluding packing) 780.000 g

Custom tariff number 85444290

Country of origin DE (Germany)

Conductor length 2 m

Nominal current 26 A

Connector specifications

Type straight plastic-sheathed

Thread type M23

Locking type Screw locking

Degree of protection IP67, when in locked state

Number of positions 4+3+PE

Direction of rotation Standard

Type of contact Socket

Insertion/withdrawal cycles 50

Contact resistance < 0.3 mΩ

Max. current 30 A

Voltage 630 V

Overvoltage category III

Degree of pollution 3

Rated surge voltage 6 kV

Ambient temperature (operation) -40 °C ... 105 °C

Cable specifications

Type of cable PSLC11Y-J

Shielded yes

Cable structure 4 x 2.5 mm² + 2 x 2 x 1.0 mm² StC

External cable diameter 13.5 mm ±0.4 mm

Outer sheath, material PUR

Material wire insulation TPM

External sheath, color orange RAL 2003

Nominal voltage, cable 1000 V

Test voltage 4 kV (2 kV signal)

Smallest bending radius, movable installation 135 mm

Number of bending cycles 10000000

Bending radius 135 mm

Traversing path 6 m

Acceleration 5 m/s²

Ambient temperature for fixed installation -40 °C ... 80 °C

Ambient temperature for flexible installation -20 °C ... 60 °C

Special properties Flexible cable conduit capable

Flame resistance IEC 332-1

Halogen-free DIN VDE 0472

Connector specifications (second page)

Type straight plas...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / K-7E-M23 M9/2,0-D03/M23 F8 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.