INDUSTRIAL COMPONENT DATA

K-7E-M17 M9/010-D00/M17 F8 1624789 PHOENIX CONTACT Connector in molded plastic on both sides

Brand: PHOENIX CONTACT | Manufacturer Part Number: K-7E-M17 M9/010-D00/M17 F8



Manufacturer	PHOENIX CONTACT
MPN / Reference	K-7E-M17 M9/010-D00/M17 F8
Catalog number	1624789
Category	Power cable less 1 kV, for moving application
Minimum order	2 Pcs
Document ID	EO-F1A9470085
Generated	2026-11-19

Product Overview

Connector in molded plastic on both sides
Plug-in connector coated with plastic on both sides, series: KST, M17-Female, straight coated by plastic extrusion, number of poles: 7+PE, Lock type: Screw lock, to M17-Male, straight coated by plastic extrusion, number of poles: 7+PE, cable length: 10 m, shielded: yes, outer sheath color: orange RAL 2003, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1245264
Connector overmolded on both sides, series: KST, M17 socket, straight plastic-overmolded, number of poles: 7+PE, locking type: screw lock, on M17 pin, straight plastic-overmolded, number of poles: 7+PE, cable length: 10 m, shielded: yes, color outer jacket: orange RAL 2003, alternative product according to RoHS II without exception 6c (Pb < 0.1 %) Item no.: 1245264

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 1624789
Packing unit 1 pc
Minimum order quantity 2 pc
Note Made to Order (non-returnable)
Catalog page Page 225 (C-2-2017)
GTIN 4046356637329

Weight per Piece (excluding packing) 19.000 g
Custom tariff number 85444290
Country of origin DE (Germany)
Conductor length 10 m
Nominal current 12 A
Connector specifications
Type straight plastic-sheathed
Housing material Zinc die-cast
Thread type M17
Locking type Screw locking
Degree of protection IP67, when in locked state
Number of positions 7+PE
Direction of rotation Standard
Type of contact Socket
Insertion/withdrawal cycles 50
Contact resistance < 0.3 m?
Max. current 14 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 9YSLC11Y-JZ
Shielded yes
Cable structure 4 x 0.75 mm² + 2 x 2 x 0.34 mm² StC
Cable structure (AWG) 19 AWG/4c + 22 AWG/1pr + 22 AWG/1pr
External cable diameter 10.7 mm
Outer sheath, material PUR
Material wire insulation TPM
External sheath, color orange RAL 2003
Nominal voltage, cable 500 V
Test voltage 4 kV
Rated current 12 A
Smallest bending radius, fixed installation 54 mm
Smallest bending radius, movable installation 81 mm
Ambient temperature for fixed installation -40 °C ... 90 °C
Ambient temperature for flexible installation -30 °C ... 90 °C
Connector specifications (second page)
Type straight plastic-sheathed
Housing material Zinc die-cast
Thread type M17
Deg...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / K-7E-M17 M9/010-D00/M17 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

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