

Cable plug in molded plastic - K-7E - OE/2,0-D03/M40 F8 - 1620322

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Cable plug in molded plastic, length: 2 m, color of outer sheath: orange RAL 2003

Why buy this product

- ✓ Our standard: robust halogen-free PUR cable
- ✓ Simple and safe: 100% electrically tested and assembled ready for use
- ✓ Designs with pre-assembled cables on one or both sides
- ✓ High flexibility: customer-specific assemblies and cable lengths can be supplied

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	2 pc
GTIN	 4 046356 833608
GTIN	4046356833608

Technical data

Conductor length	2 m
Nominal current	26 A

Connector specifications

Type	straight plastic-sheathed
Thread type	M40
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

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Technical data

Connector specifications

Max. current	70 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 mm ² + 2 x 2 x 1.0 mm ² 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/s ²
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

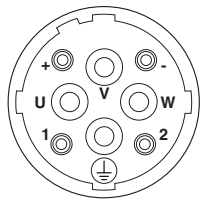
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

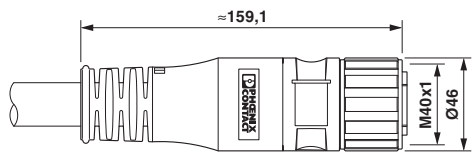
Drawings

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Schematic diagram



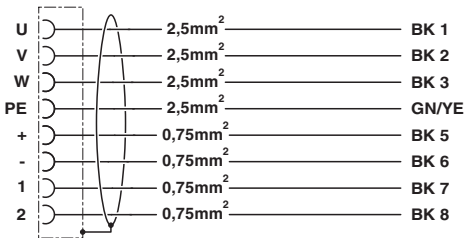
Dimensional drawing



Connector pin assignment

Dimensional drawing

Circuit diagram



Contact assignment of M40 plugs/sockets

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm	FILE E 335019
Nominal voltage UN		600 V	
Nominal current IN		14 A	

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EAC		B.00767
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cULus Listed	
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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

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