

Cable plug in molded plastic - K-7E - OE/2,0-D05/M40 F8 - 1620339

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

Your advantages

- ✓ 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

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	2 pc
GTIN	 4 046356 833653
GTIN	4046356833653
Weight per Piece (excluding packing)	1,580.000 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Conductor length	2 m
Nominal current	44 A

Connector specifications

Type	straight plastic-sheathed
Thread type	M40

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Technical data

Connector specifications

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	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 6 mm ² + 2 x 1.5 mm ² StC + 2 x 1 mm ² StC
Cable structure (AWG)	10 AWG/4c + 16 AWG/1pr + 18 AWG/1pr
External cable diameter	17.9 mm
Outer sheath, material	PUR
Material wire insulation	TPM
External sheath, color	orange RAL 2003
Nominal voltage, cable	1000 V
Rated current	44 A
Smallest bending radius, movable installation	180 mm
Ambient temperature for fixed installation	-30 °C ... 80 °C
Ambient temperature for flexible installation	-30 °C ... 60 °C

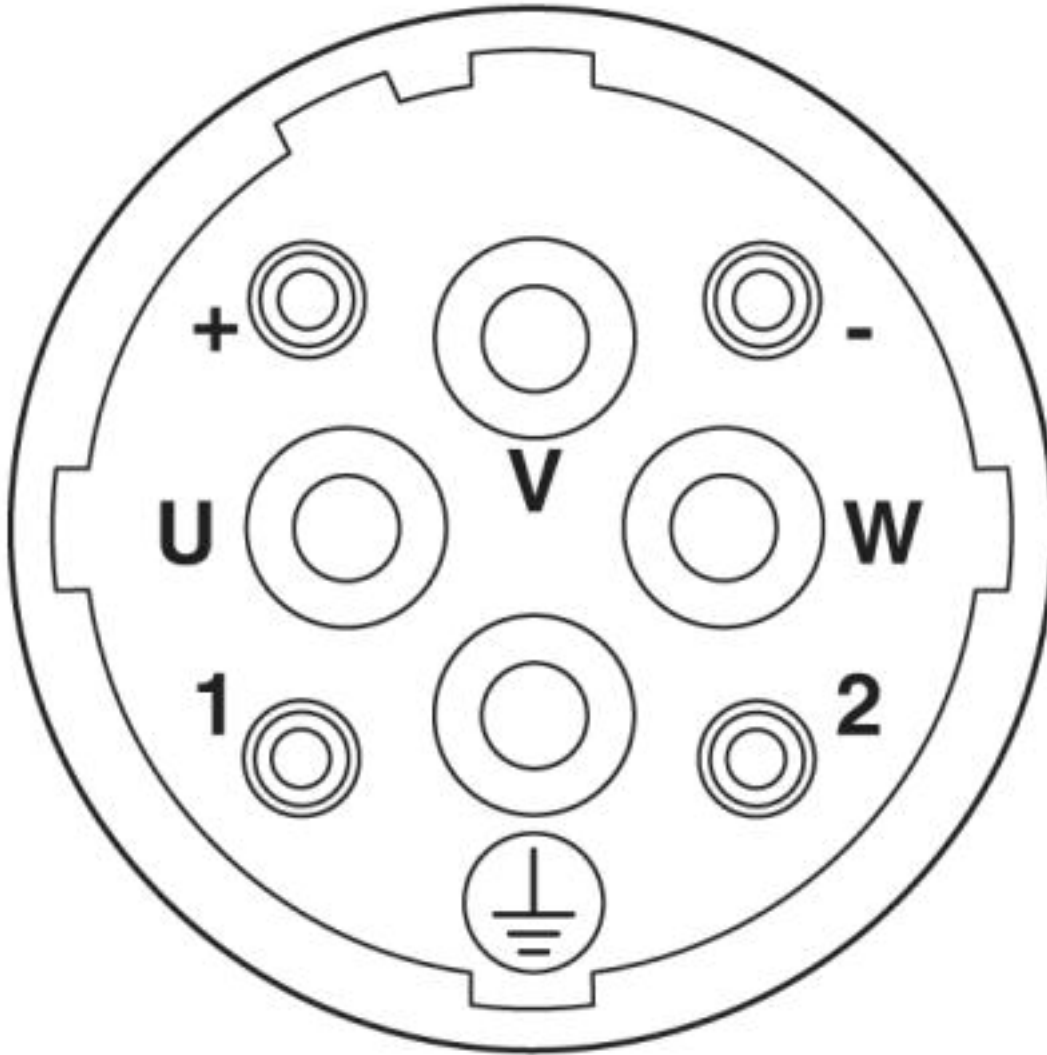
Environmental Product Compliance

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

Drawings

Cable plug in molded plastic - K-7E - OE/2,0-D05/M40 F8 - 1620339

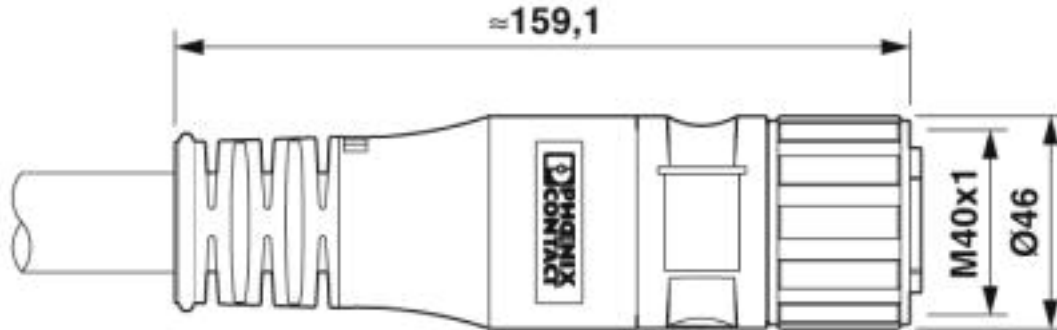
Schematic diagram



Connector pin assignment

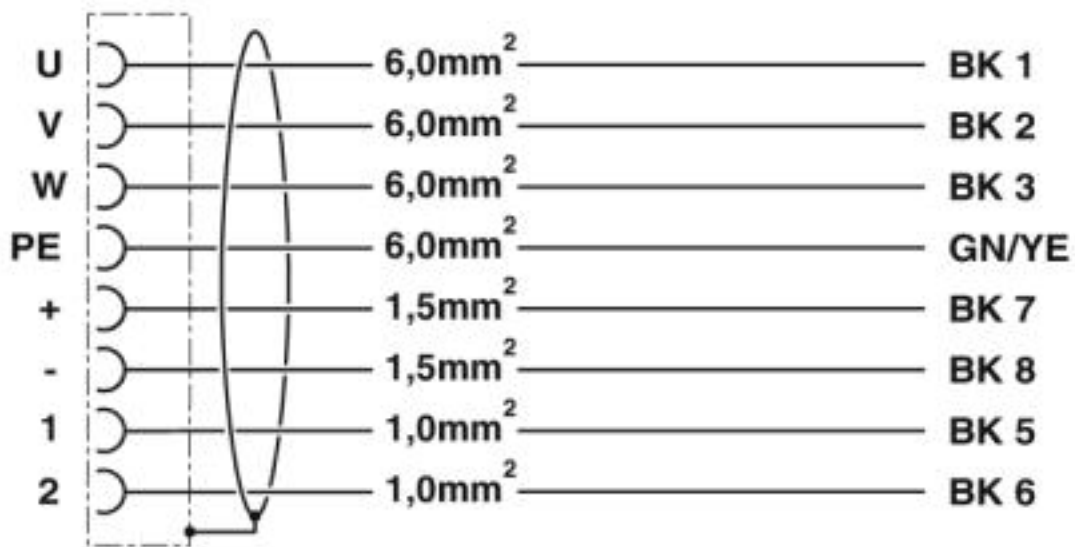
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Dimensional drawing



Dimensional drawing

Circuit diagram



Contact assignment of M40 plugs/sockets

Classifications

eCl@ss

eCl@ss 10.0.1	27060106
eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
eCl@ss 5.1	27061800
eCl@ss 6.0	27062000

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Classifications

eCl@ss

eCl@ss 7.0	27062011
eCl@ss 8.0	27062011
eCl@ss 9.0	27062011

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001855
ETIM 5.0	EC001578
ETIM 6.0	EC001578
ETIM 7.0	EC003250

UNSPSC

UNSPSC 6.01	26121604
UNSPSC 7.0901	26121604
UNSPSC 11	26121604
UNSPSC 12.01	26121604
UNSPSC 13.2	26121604
UNSPSC 18.0	39121465
UNSPSC 19.0	39121465
UNSPSC 20.0	39121465
UNSPSC 21.0	39121465

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

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Approvals

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335019
Nominal voltage UN	600 V		
Nominal current IN	25 A		

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335019
Nominal voltage UN	600 V		
Nominal current IN	25 A		

EAC		B.00286/19
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cULus Listed	
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Accessories

Accessories

Conductor marking

Insert label - PABA WH/15 - 1013151



Insert label, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, mounting type: thread on, cable diameter range: 0.6 ... 50 mm, lettering field size: 15 x 4 mm, Number of individual labels: 20

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Accessories

Insert label - PABA YE/15 - 1013698



Insert label, Strip, yellow, unlabeled, can be labeled with: CMS-P1-PLOTTER, mounting type: thread on, cable diameter range: 0.6 ... 50 mm, lettering field size: 15 x 4 mm, Number of individual labels: 20

Insert label - PABA RD/15 - 1013944



Insert label, Strip, red, unlabeled, can be labeled with: CMS-P1-PLOTTER, mounting type: thread on, cable diameter range: 0.6 ... 50 mm, lettering field size: 15 x 4 mm, Number of individual labels: 20

Cutting tools

Diagonal cutter - CUTFOX-S VDE - 1212207



Diagonal cutter for hard (piano wire) and soft wires, VDE 1000 V AC/1500 V DC tested

Marker carrier cable

Conductor marker carrier - PATG 6/23 - 0808037



Conductor marker carrier, transparent, unlabeled, mounting type: slide-on, cable diameter range: 14 ... 22 mm, lettering field size: 23 x 4 mm

Marker pen

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Accessories

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Stripping tool

Stripping tool - WIREFOX 10 - 1212150



Stripping tool, for cables and conductors from 0.02 - 10 mm², self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm² stranded/1.5 mm² solid, replaceable stripping blade