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Connector in molded plastic on both sides, Length: 10 m, Color of outer sheath: orange RAL 2003

Product Features

- 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
Custom tariff number	85444290
Country of origin	Germany

Technical data

Conductor length	10 m
Nominal current	12 A

Connector specifications

Туре	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



Technical data

Connector specifications

Type of contact	Socket
Insertion/withdrawal cycles	50
Contact resistance	< 0.3 mΩ
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)

Туре	straight plastic-sheathed
Housing material	Zinc die-cast
Thread type	M17
Degree of protection	IP67, when in locked state
Number of positions	7+PE
Direction of rotation	Standard
Type of contact	Male connector
Insertion/withdrawal cycles	50
Contact resistance	< 0.3 mΩ



Technical data

Connector specifications (second page)

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

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260708
eCl@ss 7.0	27440312
eCl@ss 8.0	27062011
eCl@ss 9.0	27062011

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC001578

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

Approvals

Approvals

EAC

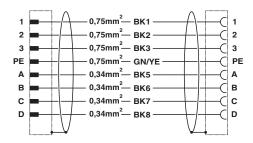


Approvals	
Ex Approvals	
Approvals submitted	
Approval details	
EAC	
Drawings	
Schematic diagram	Schematic diagram
Socket pin assignment	Pin assignment of pin
Dimensional drawing	Dimensional drawing
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On the female side Pin side



Circuit diagram



Contact assignment of M17 plugs/sockets, cable type D00

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