

Connector in molded plastic on both sides - K-7E-M17 M9/2,0-D01/M17 F8 - 1619323

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Connector in molded plastic on both sides, 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

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	2 pc
GTIN	 4 046356 830638
GTIN	4046356830638

Technical data

Conductor length	2 m
Nominal current	15 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

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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	PSLC11Y-J
Shielded	yes
Cable structure	4 x 1 mm ² + 2 x 2 x 0.75 mm ² StC
Cable structure (AWG)	18 AWG/4c + 19 AWG/2pr
External cable diameter	11 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)
Rated current	15 A
Smallest bending radius, movable installation	110 mm
Ambient temperature for fixed installation	-40 °C ... 80 °C
Ambient temperature for flexible installation	-20 °C ... 60 °C

Connector specifications (second page)

Type	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	Pin
Insertion/withdrawal cycles	50
Contact resistance	< 0.3 mΩ
Max. current	14 A
Voltage	630 V
Overvoltage category	III
Degree of pollution	3

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Technical data

Connector specifications (second page)

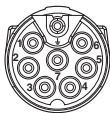
Rated surge voltage	6 kV
Ambient temperature (operation)	-40 °C ... 105 °C

Environmental Product Compliance

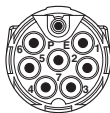
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Schematic diagram



Schematic diagram

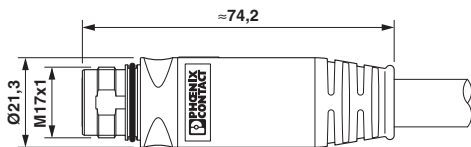
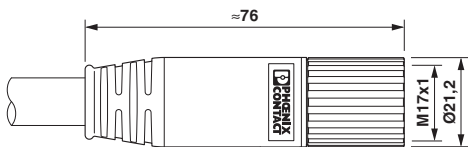


Socket pin assignment

Pin assignment of pin

Dimensional drawing

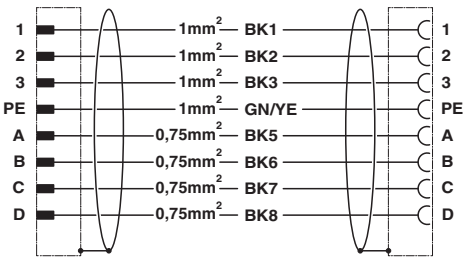
Dimensional drawing



On the female side

Pin side

Circuit diagram



Contact assignment of M17 plugs/sockets, cable type D01

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