

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)

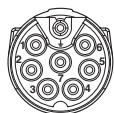
| | |
|---------------------------------|-------------------|
| Rated surge voltage | 6 kV |
| Ambient temperature (operation) | -40 °C ... 105 °C |

Environmental Product Compliance

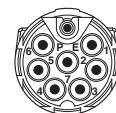
| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Schematic diagram



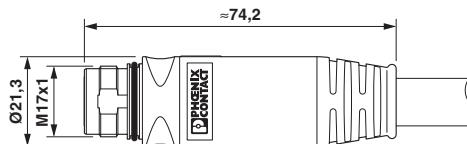
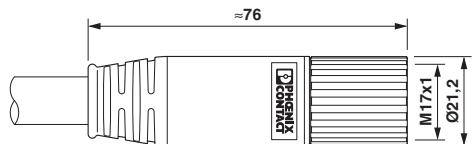
Schematic diagram



Socket pin assignment

Pin assignment of pin

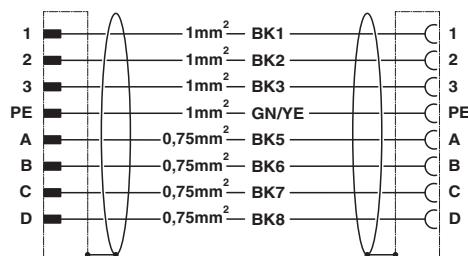
Dimensional drawing



On the female side

Pin side

Circuit diagram



Contact assignment of M17 plugs/sockets, cable type D01

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