

Connector in molded plastic on both sides - K-5E-M17 M9/5,0-C01/M17 F8 - 1619321

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Connector in molded plastic on both sides, Length: 5 m

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 | 5 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 | 5+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 | 4x 1.5 mm ² + 2x 0.5 mm ² |
| External cable diameter | 8.9 mm |
| Outer sheath, material | PUR |
| Material wire insulation | PP |
| Nominal voltage, cable | 1000 V |
| Test voltage | 4 kV |
| Smallest bending radius, movable installation | 69 mm |
| Ambient temperature for fixed installation | -40 °C ... 80 °C |
| Ambient temperature for flexible installation | -25 °C ... 80 °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 | 5+PE |
| Direction of rotation | Standard |
| Type of contact | Male connector |
| 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 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 27061801 |
| eCl@ss 6.0 | 27279218 |
| eCl@ss 7.0 | 27279218 |
| eCl@ss 8.0 | 27062011 |
| eCl@ss 9.0 | 27062011 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC001855 |
| ETIM 5.0 | EC001578 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 26121604 |
| UNSPSC 7.0901 | 26121604 |
| UNSPSC 11 | 26121604 |
| UNSPSC 12.01 | 26121604 |
| UNSPSC 13.2 | 26121604 |

Approvals

Approvals

Approvals

EAC

Ex Approvals

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Approvals

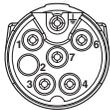
Approvals submitted

Approval details

EAC

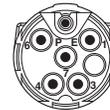
Drawings

Schematic diagram



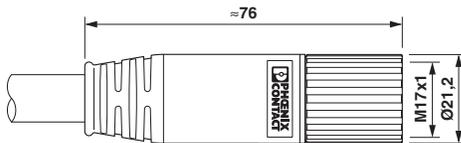
Socket pin assignment

Schematic diagram

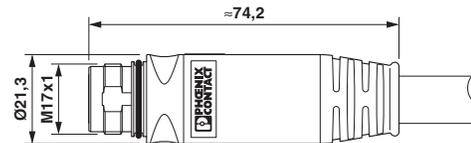


Pin assignment of pin

Dimensional drawing



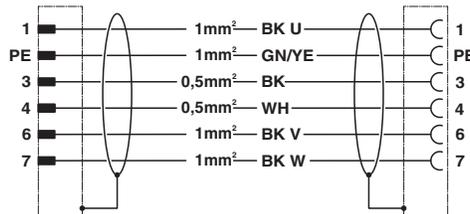
Dimensional drawing



On the female side

Pin side

Circuit diagram



Contact assignment of M17 plugs/sockets, cable type C01

