

Cable plug in molded plastic - K-17 - OE/010-E01/M17 F8 - 1624782

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Cable plug in molded plastic, Length: 10 m, Color of outer sheath: green

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 |
| Minimum order quantity | 2 pc |
| Weight per Piece (excluding packing) | 1300.0 g |
| Custom tariff number | 85444290 |
| Country of origin | Germany |

Technical data

| | |
|------------------|-------|
| Conductor length | 10 m |
| Nominal current | 3.6 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 | 17 |
| Direction of rotation | Standard |

Cable plug in molded plastic - K-17 - OE/010-E01/M17 F8 - 1624782

Technical data

Connector specifications

| | |
|---------------------------------|-------------------|
| Type of contact | Socket |
| Insertion/withdrawal cycles | 50 |
| Contact resistance | < 0.3 mΩ |
| Max. current | 3.6 A |
| Voltage | 60 V |
| Overvoltage category | III |
| Degree of pollution | 3 |
| Rated surge voltage | 1.5 kV |
| Ambient temperature (operation) | -40 °C ... 105 °C |

Cable specifications

| | |
|---|--|
| Type of cable | SSLC11Y |
| Shielded | yes |
| Cable structure | 3 x 2 x 0.14 mm ² + 2 x 0.5 mm ² + 4 x 0.14 mm ² + 4 x 0.22 mm ² |
| Cable structure (AWG) | 26 AWG/3pr + 20 AWG/2c + 26 AWG/4c + 24 AWG/4c |
| External cable diameter | 9.4 mm |
| Outer sheath, material | TPU |
| Material wire insulation | TPU |
| External sheath, color | green |
| Nominal voltage, cable | 30 V |
| Test voltage | 0.5 kV |
| Rated current | 9 A |
| Smallest bending radius, fixed installation | 38 mm |
| Smallest bending radius, movable installation | 94 mm |
| Ambient temperature for fixed installation | -30 °C ... 80 °C |
| Ambient temperature for flexible installation | -30 °C ... 60 °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 |

Cable plug in molded plastic - K-17 - OE/010-E01/M17 F8 - 1624782

Classifications

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

Ex Approvals

Approvals submitted

Approval details

| |
|-----|
| EAC |
|-----|

Drawings

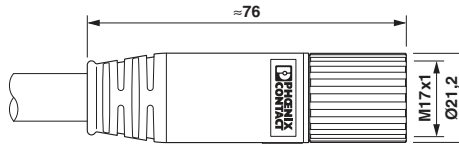
Cable plug in molded plastic - K-17 - OE/010-E01/M17 F8 - 1624782

Schematic diagram



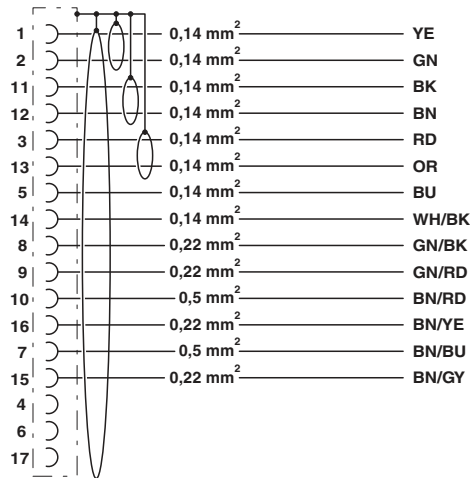
Socket pin assignment

Dimensional drawing



Dimensional drawing

Circuit diagram



Contact assignment of M17 plugs/sockets