

## Cable plug in molded plastic - K-12 - OE/010-E00/M23 F8 - 1619274

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Cable plug in molded plastic, 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     |
| Minimum order quantity | 2 pc     |
| Custom tariff number   | 85444290 |
| Country of origin      | Germany  |

### Technical data

|                  |      |
|------------------|------|
| Conductor length | 10 m |
| Nominal current  | 9 A  |

### Connector specifications

|                       |                            |
|-----------------------|----------------------------|
| Type                  | straight plastic-sheathed  |
| Housing material      | Zinc die-cast              |
| Thread type           | M23                        |
| Locking type          | Screw locking              |
| Degree of protection  | IP67, when in locked state |
| Number of positions   | 12                         |
| Direction of rotation | Standard                   |
| Type of contact       | Socket                     |

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### Technical data

#### Connector specifications

|                                 |                   |
|---------------------------------|-------------------|
| Insertion/withdrawal cycles     | 50                |
| Contact resistance              | < 0.3 mΩ          |
| Max. current                    | 8 A               |
| Voltage                         | 150 V             |
| Overvoltage category            | II                |
| Degree of pollution             | 3                 |
| Rated surge voltage             | 1.5 kV            |
| Ambient temperature (operation) | -40 °C ... 105 °C |

#### Cable specifications

|   |  |
|---|--|
| Type of cable                                 | RSL9YSLC11Y  |
| Shielded                                      | yes  |
| Cable structure                               | 4 x 2 x 0.25 mm <sup>2</sup> + 2 x 0.5 mm <sup>2</sup> |
| Cable structure (AWG)                         | 24 AWG/4pr + 20 AWG/2c                                 |
| External cable diameter                       | 8 mm   |
| Outer sheath, material                        | TPU  |
| Material wire insulation                      | PP   |
| External sheath, color                        | orange RAL 2003  |
| Nominal voltage, cable                        | 300 V  |
| Test voltage                                  | 1 kV   |
| Rated current                                 | 9 A  |
| Smallest bending radius, fixed installation   | 40 mm  |
| Smallest bending radius, movable installation | 60 mm  |
| Ambient temperature for fixed installation    | -40 °C ... 80 °C                                       |
| Ambient temperature for flexible installation | -20 °C ... 60 °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 |

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## Classifications

### 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

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Approvals

UL Listed / cUL Listed / EAC / cULus Listed

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Ex Approvals

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Approvals submitted

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### Approval details

|                    |       |
|--------------------|-------|
| UL Listed          |       |
| Nominal current IN | 5 A   |
| Nominal voltage UN | 150 V |

|                    |     |
|--------------------|-----|
| cUL Listed         |     |
| Nominal current IN | 5 A |

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## Approvals

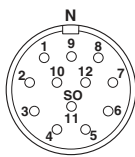
|                    |       |
|--------------------|-------|
| Nominal voltage UN | 150 V |
|--------------------|-------|

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

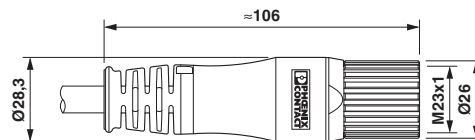
|              |
|--------------|
| cULus Listed |
|--------------|

## Drawings

Schematic diagram



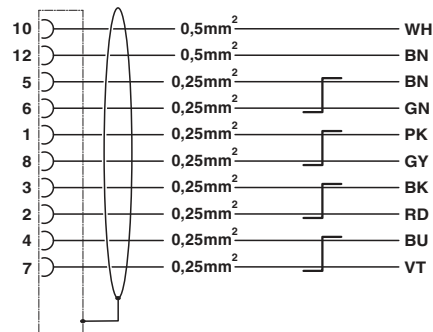
Dimensional drawing



Connector pin assignment

Dimensional drawing

Circuit diagram



Contact assignment of M23 plugs/sockets