

## Cable plug in molded plastic - K-5E - OE/5,0-C02/M23 FK - 1620416

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Cable plug in molded plastic, length: 5 m, color of outer sheath: orange RAL 2003

### Why buy this product

- ✓ Our standard: robust halogen-free PUR cable
- ✓ Simple and safe: 100% electrically tested and assembled ready for use
- ✓ Easy connection: angled design with configurable cable outlet direction
- ✓ High flexibility: customer-specific assemblies and cable lengths can be supplied

RoHS

### Key Commercial Data

|                        |   |
|------------------------|---|
| Packing unit           | 1 STK   |
| Minimum order quantity | 2 STK   |
| GTIN                   | <br>4 046356 831758 |
| GTIN                   | 4046356831758   |

### Technical data

|                  |      |
|------------------|------|
| Conductor length | 5 m  |
| Nominal current  | 18 A |

### Connector specifications

|                             |                                       |
|-----------------------------|---------------------------------------|
| Type                        | Angled, can be turned, plastic-coated |
| Thread type                 | M23                                   |
| Locking type                | Screw locking                         |
| Degree of protection        | IP67, when in locked state            |
| Number of positions         | 5+PE                                  |
| Direction of rotation       | Standard                              |
| Type of contact             | Socket                                |
| Insertion/withdrawal cycles | 50                                    |
| Contact resistance          | < 0.3 mΩ                              |

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## Technical data

### Connector specifications

|                                 |                   |
|---------------------------------|-------------------|
| Max. current                    | 30 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

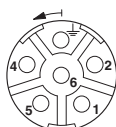
|   |   |
|---|---|
| Type of cable                                 | PSLC11Y-J                                       |
| Shielded                                      | yes   |
| Cable structure                               | 4x 1.5 mm <sup>2</sup> + 2x 1.5 mm <sup>2</sup> |
| Cable structure (AWG)                         | 16 AWG/4c + 16 AWG/1pr                          |
| External cable diameter                       | 12.3 mm   |
| Outer sheath, material                        | PUR   |
| Material wire insulation                      | TPM   |
| External sheath, color                        | orange RAL 2003                                 |
| Nominal voltage, cable                        | 600 V   |
| Test voltage                                  | 4 kV  |
| Rated current                                 | 18 A  |
| Smallest bending radius, movable installation | 123 mm  |
| Ambient temperature for fixed installation    | -40 °C ... 80 °C                                |
| Ambient temperature for flexible installation | -20 °C ... 70 °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" |

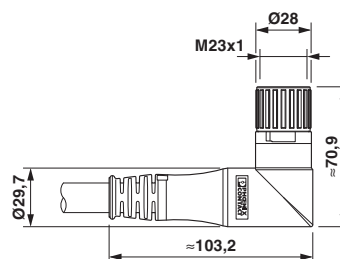
## Drawings

Schematic diagram



Connector pin assignment

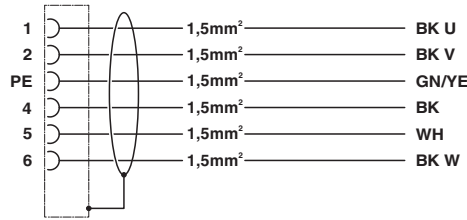
Dimensional drawing



Dimensional drawing

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Circuit diagram



Contact assignment of M23 plugs/sockets

## Approvals

Approvals

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Approvals

EAC

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Ex Approvals

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## Approval details

|     |  |         |
|-----|--|---------|
| EAC |  | B.00767 |
|-----|--|---------|

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