

## Power cable - SAC-4P-MINMS/ 5,0-547/MINFS - 1416626

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Power cable, 4-position, PVC, yellow, Plug straight 7/8"-16UNF, on Socket straight 7/8"-16UNF, cable length: 5 m

### Why buy this product

- ✓ Easy and safe: 100% electrically tested plug-in components
- ✓ High-performance: connectors and cables with a large conductor cross section for power supply

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 STK                                                                                                   |
| GTIN         | <br>4 055626 221694 |
| GTIN         | 4055626221694                                                                                           |

### Technical data

#### Dimensions

|                 |     |
|-----------------|-----|
| Length of cable | 5 m |
|-----------------|-----|

#### Ambient conditions

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Ambient temperature (operation) | -20 °C ... 105 °C (Plug / socket) |
| Degree of protection            | IP68                              |

#### General

|                              |              |
|------------------------------|--------------|
| Rated current at 40°C        | 10 A         |
| Rated voltage                | 300 V AC     |
|                              | 300 V DC     |
| Number of positions          | 4            |
| Insulation resistance        | ≥ 100 MΩ     |
| Coding                       | A - standard |
| Status display               | No           |
| Protective circuit/component | Unwired      |

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## Technical data

### General

|                             |                         |
|-----------------------------|-------------------------|
| Insertion/withdrawal cycles | 100                     |
| Torque                      | 10 lb <sub>F</sub> -in. |
|                             | 1.12 Nm                 |

### Material

|                          |                   |
|--------------------------|-------------------|
| Contact material         | CuZn              |
| Contact surface material | AU                |
| Contact carrier material | PVC               |
| Material of grip body    | PVC               |
| Material, knurls         | Anodized aluminum |

### Cable

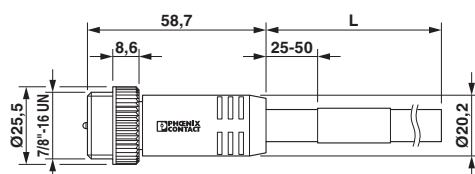
|                                          |                                                  |
|------------------------------------------|--------------------------------------------------|
| Cable type                               | ITC/PLTC                                         |
| Cable abbreviation                       | 547                                              |
| AWG signal line                          | 18                                               |
| Conductor cross section signal conductor | 4 x AWG 18                                       |
| Conductor cross section voltage supply   | 41 x AWG 34                                      |
| Wire colors                              | Brown 1, white 2, blue 3, black 4                |
| External sheath, color                   | yellow                                           |
| External cable diameter                  | 6.00 mm                                          |
| Outer sheath, material                   | PVC                                              |
| Conductor material                       | Bare Cu litz wires                               |
| Nominal voltage, cable                   | 300 V                                            |
| Flame resistance                         | UL 1581, FT4                                     |
| Other resistance                         | UV resistant (720 h) UL 2556                     |
| Ambient temperature (operation)          | -40 °C ... 105 °C (cable, fixed installation)    |
|                                          | -30 °C ... 105 °C (cable, flexible installation) |

### Standards and Regulations

|                  |                              |
|------------------|------------------------------|
| Flame resistance | UL 1581, FT4                 |
| Other resistance | UV resistant (720 h) UL 2556 |

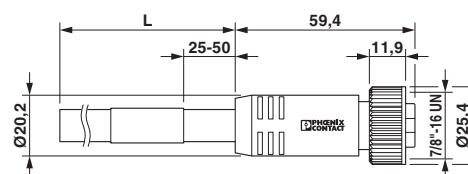
## Drawings

Dimensional drawing



7/8"-16UNF plug, straight

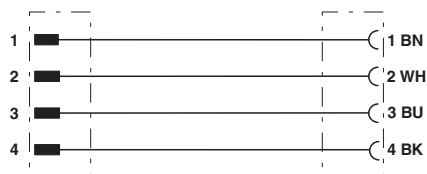
Dimensional drawing



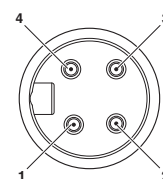
7/8"-16UNF socket, straight

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Circuit diagram



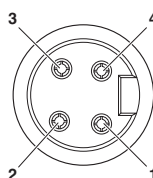
Schematic diagram



Pin assignment, plug, 7/8"-16UNF, 4-pos., view of male side

Contact assignment of 7/8" plugs/sockets

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 4-pos., view of female side

### Approvals

#### Approvals

#### Approvals

UL Listed / cUL Listed / cULus Listed

#### Ex Approvals

#### Approval details

UL Listed



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

FILE E 221474

cUL Listed



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

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