

## Power cable - SAC-2P-MINMS/ 2,0-547 - 1416536

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Power cable, 2-position, PVC, yellow, Plug straight 7/8"-16UNF, on free cable end, Cable length: 2 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

### Key Commercial Data

|                      |          |
|----------------------|----------|
| Packing unit         | 1 STK    |
| Custom tariff number | 85444290 |
| Country of origin    | Mexico   |

### Technical data

#### Dimensions

|                 |     |
|-----------------|-----|
| Length of cable | 2 m |
|-----------------|-----|

#### Ambient conditions

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

#### General

|                             |                         |
|-----------------------------|-------------------------|
| Rated current at 40°C       | 13 A                    |
| Rated voltage               | 300 V                   |
| Number of positions         | 2                       |
| Insertion/withdrawal cycles | 100                     |
| Torque                      | 10 lb <sub>F</sub> -in. |
|                             | 1.12 Nm                 |

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## Technical data

### Material

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

### Cable

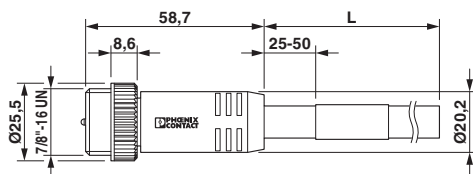
|  |   |
|--|---|
| Cable type                               | ITC/PLTC                                  |
| Cable abbreviation                       | 547                                       |
| AWG signal line                          | 18  |
| Conductor cross section signal conductor | 2 x AWG 18                                |
| Conductor cross section voltage supply   | 41 x AWG 34                               |
| Wire colors                              | Black 1, blue 2, grey 3, brown 4, white 5 |
| External sheath, color                   | yellow                                    |
| External cable diameter                  | 5.33 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 2256              |

### Standards and Regulations

|                  |                              |
|------------------|------------------------------|
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| Other resistance | UV resistant (720 h) UL 2256 |

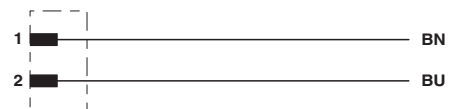
## Drawings

Dimensional drawing



7/8"-16UNF plug, straight

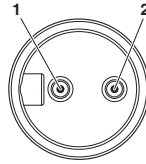
Circuit diagram



Contact assignment of the 7/8" connector and the 7/8" socket

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Schematic diagram



Plug pin assignment for 7/8"-16UNF plug, 5-pos.

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