

Power cable - SAC-5P-MINMS/ 5,0-547/MINFS - 1416649

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Power cable, 5-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 |
| Custom tariff number | 85444290 |
| Country of origin | Mexico |

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 | 8 A |
| Rated voltage | 300 V |
| Number of positions | 5 |
| Insertion/withdrawal cycles | 100 |
| Torque | 10 lb _F -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

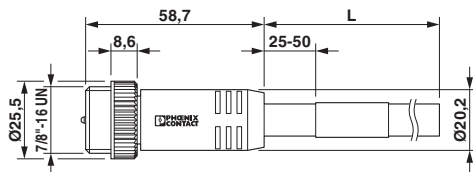
| | |
|--|---|
| Cable type | ITC/PLTC |
| Cable abbreviation | 547 |
| AWG signal line | 18 |
| Conductor cross section signal conductor | 5 x AWG 18 |
| Conductor cross section voltage supply | 41 x AWG 34 |
| Wire colors | Black 1, blue 2, gray 3, brown 4, white 5 |
| External sheath, color | yellow |
| External cable diameter | 6.60 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

| | |
|------------------|------------------------------|
| Flame resistance | UL 1581, FT4 |
| Other resistance | UV resistant (720 h) UL 2256 |

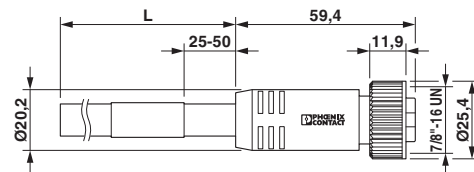
Drawings

Dimensional drawing



7/8"-16UNF plug, straight

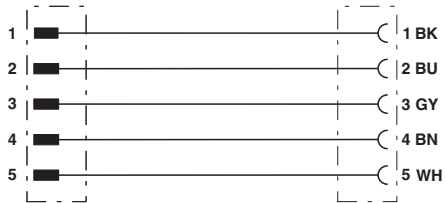
Dimensional drawing



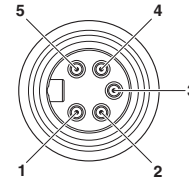
7/8"-16UNF socket, straight

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Circuit diagram



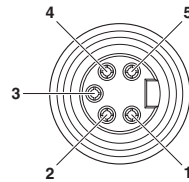
Schematic diagram



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

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

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 5-pos., view of female side

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