

## Power cable - SAC-6P-MINMS/ 5,0-547/MINFS - 1416676

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Power cable, 6-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

### Key Commercial Data

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

### Technical data

#### Dimensions

Length of cable	5 m
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#### 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	6
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

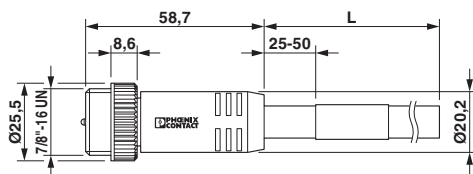
Cable type	ITC/PLTC
Cable abbreviation	547
AWG signal line	18
Conductor cross section signal conductor	6 x AWG 18
Conductor cross section voltage supply	41 x AWG 34
Wire colors	Green 1, white 2, blue 3, gray 4, yellow 5, brown 6
External sheath, color	yellow
External cable diameter	7.29 mm
Outer sheath, 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

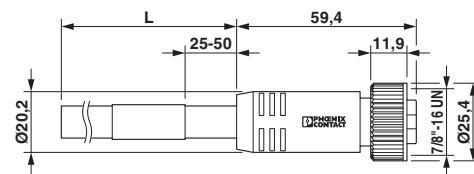
## Drawings

Dimensional drawing



7/8"-16UNF plug, straight

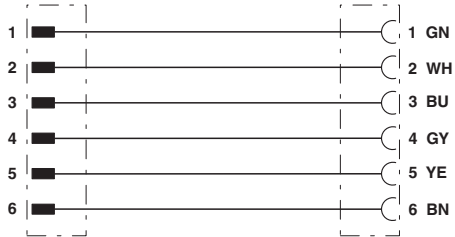
Dimensional drawing



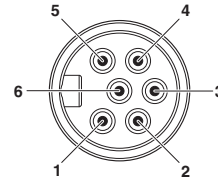
7/8"-16UNF socket, straight

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Circuit diagram



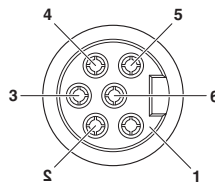
Schematic diagram



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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