

## Power cable - SAC-3P-MINMS/ 2,0-U50/MINFS - 1417120

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Power cable, 3-position, PVC, black, Plug straight 7/8"-16UNF, on Socket straight 7/8"-16UNF, 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
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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	23.5 A
Rated voltage	600 V AC/DC
Number of positions	3
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

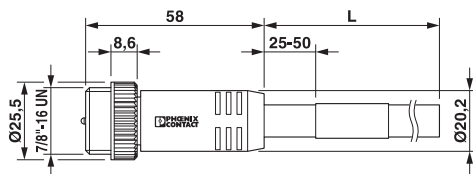
Cable type	TC-ER/600V, STOOW
Cable abbreviation	U50
AWG signal line	14
Conductor cross section signal conductor	3 x AWG 14
Wire colors	Green 1, black 2, white 3
Overall twist	3 wires, twisted
External sheath, color	black
External cable diameter	14.53 mm
Outer sheath, material	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Nominal voltage, cable	600 V
Flame resistance	UL 1581, FT2
Resistance to oil	good oil-resistance

### Standards and Regulations

Resistance to oil	good oil-resistance
Flame resistance	UL 1581, FT2

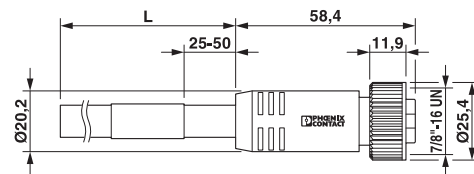
## Drawings

Dimensional drawing



7/8"-16UNF plug, straight

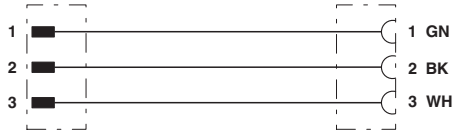
Dimensional drawing



7/8"-16UNF socket, straight

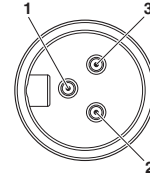
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Circuit diagram



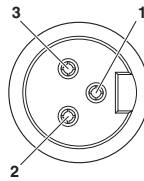
Contact assignment of the 7/8" connector and the 7/8" socket

Schematic diagram



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

Schematic diagram



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

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