

## Power cable - SAC-2P-MINMS/ 5,0-U20/MINFS - 1416771

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Power cable, 2-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
Weight per Piece (excluding packing)	1.000 g
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	13 A
Rated voltage	600 V
Number of positions	2
Insulation resistance	≥ 100 MΩ
Insertion/withdrawal cycles	100

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## Technical data

### General

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	Aluminum

### Cable

Cable type	Yellow, STOOW
Cable abbreviation	U20
AWG signal line	16
Conductor cross section signal conductor	2 x AWG 16
Conductor cross section voltage supply	65 x AWG 32
Wire colors	White 1, black 2
External sheath, color	yellow
External cable diameter	9.40 mm
Minimum bending radius, fixed installation	4 x D
Minimum bending radius, flexible installation	12.5 x D
Outer sheath, material	PVC
Conductor material	Bare Cu litz wires
Nominal voltage, cable	600 V
Flame resistance	UL 1581, FT2
	CSA FT2
Resistance to oil	Premium oil resistance (jacket and conductor)

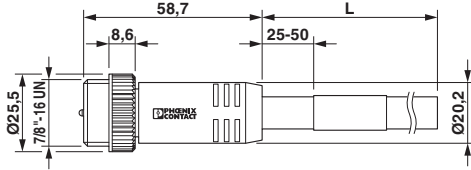
### Standards and Regulations

Resistance to oil	Premium oil resistance (jacket and conductor)
Flame resistance	UL 1581, FT2
	CSA FT2

### Drawings

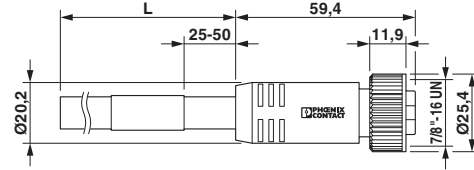
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Dimensional drawing



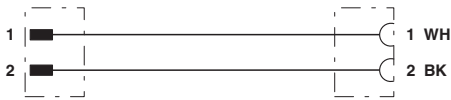
7/8"-16UNF plug, straight

Dimensional drawing



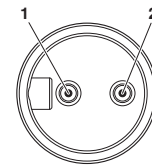
7/8"-16UNF socket, straight

Circuit diagram



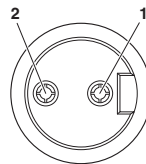
Contact assignment of the 7/8" connector and the 7/8" socket

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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