

Power cable - SAC-6P-MINMS/ 5,0-U20/MINFS - 1416861

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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
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	8 A
Rated voltage	600 V
Number of positions	6
Insulation resistance	≥ 100 MΩ
Insertion/withdrawal cycles	100

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Technical data

General

Torque	10 lb _f -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	6 x AWG 16
Conductor cross section voltage supply	65 x AWG 32
Wire colors	White 1, red 2, green 3, orange 4, black 5, blue 6
External sheath, color	yellow
External cable diameter	13.70 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)

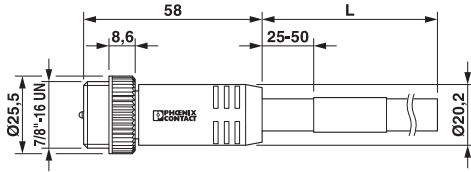
Standards and Regulations

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

Drawings

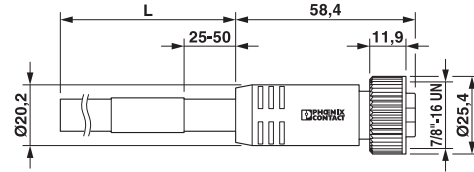
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Dimensional drawing



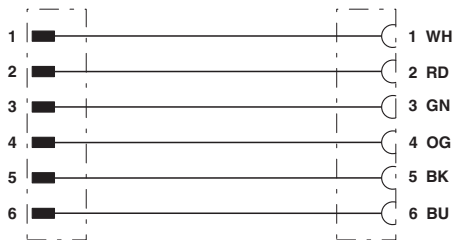
7/8"-16UNF plug, straight

Dimensional drawing

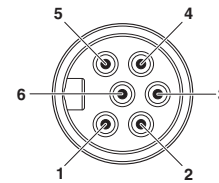


7/8"-16UNF socket, straight

Circuit diagram



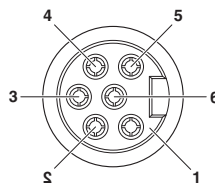
Schematic diagram



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

Approvals

Approvals

Approvals


UL Listed / cUL Listed / cULus Listed

Ex Approvals


Approval details

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Approvals

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
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cULus Listed			
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