

Power cable - SAC-3P-MINMS/ 5,0-U20/MINFS - 1416793

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Power cable, 3-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)	0.123 g
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	13 A
Rated voltage	600 V
Number of positions	3
Insulation resistance	≥ 100 MΩ
Insertion/withdrawal cycles	100

Power cable - SAC-3P-MINMS/ 5,0-U20/MINFS - 1416793

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	3 x AWG 16
Conductor cross section voltage supply	65 x AWG 32
Wire colors	Green 1, black 2, white 3
External sheath, color	yellow
External cable diameter	10.40 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)

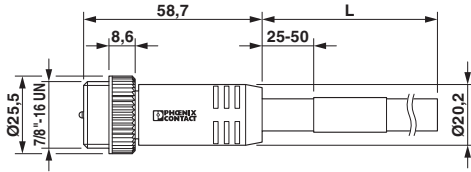
Standards and Regulations

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

Drawings

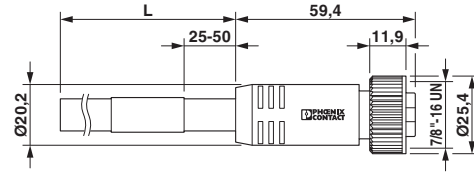
Power cable - SAC-3P-MINMS/ 5,0-U20/MINFS - 1416793

Dimensional drawing



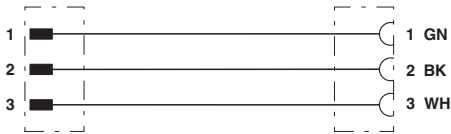
7/8"-16UNF plug, straight

Dimensional drawing



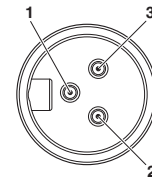
7/8"-16UNF socket, straight

Circuit diagram



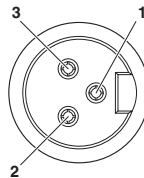
Contact assignment of the 7/8" connector and the 7/8" socket

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Sensor Cables / Actuator Cables](#) category:

Click to view products by [Phoenix Contact](#) manufacturer:

Other Similar products are found below :

[1300070444](#) [43-10984](#) [M83513/19-F01CP](#) [704000D02F120](#) [MDM15SH001K](#) [MDM25PH003BF222](#) [802027107404-1](#) [885030A09M010](#)
[885030A09M020](#) [1200650174](#) [1200651332](#) [1200651713](#) [1200660171](#) [1200660208](#) [1200660343](#) [1200660804](#) [1200660845](#) [1200660926](#)
[1200660977](#) [1200661173](#) [1200661354](#) [120066-1712](#) [1200720053](#) [1200720099](#) [1200720153](#) [1200720172](#) [1200720217](#) [1200720226](#)
[1200720251](#) [1200720285](#) [1200720296](#) [1200720404](#) [1200730148](#) [1200730378](#) [1200800231](#) [1200860112](#) [1200860121](#) [1200860125](#)
[1200860337](#) [1200860365](#) [1200860420](#) [1200870046](#) [1200870123](#) [1200870248](#) [1200980102](#) [1200660181](#) [1200660183](#) [1200660827](#)
[1200660849](#) [1200661170](#)