

## Power cable - SAC-5P-MINMS/ 2,0-U20 - 1416833

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Power cable, 5-position, PVC, yellow, Plug straight 7/8"-16UNF, A - standard, on free cable end, A - standard, cable length: 2 m

### Your advantages

- ✓ Easy and safe: 100% electrically tested plug-in components
- ✓ High-performance: connectors and cables with a large conductor cross section for power supply

RoHS

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 223995
GTIN	4055626223995
Weight per Piece (excluding packing)	1.000 g
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	8 A
Rated voltage	600 V AC

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### Technical data

#### General

	600 V DC
Number of positions	5
Color handle area	yellow
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No
Protective circuit/component	unwired
Insertion/withdrawal cycles	100
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	Anodized aluminum

#### Cable

Cable type	Yellow, STOOW
Cable abbreviation	U20
AWG signal line	16
Conductor cross section signal conductor	5 x AWG 16
Conductor cross section voltage supply	65 x AWG 32
Wire colors	White 1, red 2, green 3, orange 4, black 5
External sheath, color	yellow
External cable diameter	12.70 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
Resistance to oil	Premium oil resistance (jacket and conductor)
Other resistance	UV resistant (720 h) UL 2556
Ambient temperature (operation)	-40 °C ... 105 °C (cable, fixed installation)
	-30 °C ... 105 °C (cable, flexible installation)

#### Standards and Regulations

# Power cable - SAC-5P-MINMS/ 2,0-U20 - 1416833

## Technical data

### Standards and Regulations

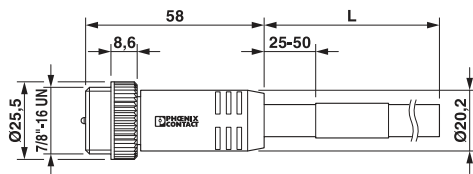
Flame resistance	UL 1581, FT2
Resistance to oil	Premium oil resistance (jacket and conductor)
Other resistance	UV resistant (720 h) UL 2556

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Dimensional drawing



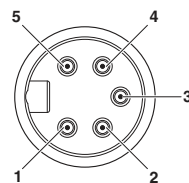
7/8"-16UNF plug, straight

Circuit diagram



Contact assignment of 7/8" plug

Schematic diagram



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

## Classifications

eCl@ss

eCl@ss 5.1	27061801
eCl@ss 6.0	27279200
eCl@ss 7.0	27279218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311

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## Classifications

### ETIM

ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855

### UNSPSC

UNSPSC 13.2	31251501
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## Approvals

### Approvals

#### Approvals

UL Listed / cUL Listed / EAC / cULus Listed

#### Ex Approvals

### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
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cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
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EAC		RU C- DE.AI30.B.00767
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cULus Listed	
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## Accessories

### Accessories

## Power cable - SAC-5P-MINMS/ 2,0-U20 - 1416833

### Accessories

#### Conductor marking

Insert label - PABA WH/15 - 1013151



Insert label, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, mounting type: thread on, cable diameter range: 0.6 ... 50 mm, lettering field size: 15 x 4 mm

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Insert label - PABA YE/15 - 1013698



Insert label, Strip, yellow, unlabeled, can be labeled with: CMS-P1-PLOTTER, mounting type: thread on, cable diameter range: 0.6 ... 50 mm, lettering field size: 15 x 4 mm

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Insert label - PABA RD/15 - 1013944



Insert label, Strip, red, unlabeled, can be labeled with: CMS-P1-PLOTTER, mounting type: thread on, cable diameter range: 0.6 ... 50 mm, lettering field size: 15 x 4 mm

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#### Marker carrier cable

Conductor marker carrier - PATO 2/15 - 1013122



Conductor marker carrier, transparent, unlabeled, mounting type: clip on, cable diameter range: 2.8 ... 4.4 mm, lettering field size: 4 x 15 mm

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Conductor marker carrier - PATO 3/15 - 1013135



Conductor marker carrier, transparent, unlabeled, mounting type: clip on, cable diameter range: 4.4 ... 6.7 mm, lettering field size: 4 x 15 mm

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### Accessories

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Conductor marker carrier - PATO 4/15 - 1013148



Conductor marker carrier, transparent, unlabeled, mounting type: clip on, cable diameter range: 6.7 ... 10 mm, lettering field size: 4 x 15 mm

### Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

### Protective cap

Sealing cap - PROT-MINFS-PA-CHAIN - 1430912

7/8" sealing cap made of plastic with fixing band, for sensor cables, for 7/8" connectors



Screw plug - PROT-MINMS-PA-CHAIN - 1430925

7/8" sealing cap made of plastic with fixing band, for sensor cables, for 7/8" sockets



### Screwdriver tools

## Power cable - SAC-5P-MINMS/ 2,0-U20 - 1416833

### Accessories

Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600



Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

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Tool - SAC BIT MIN-D25 - 1212512



Nut for assembling 7/8" connectors with a knurl diameter of 25 mm, with 4 mm hexagonal drive

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Torque tool

Torque screwdriver - TSD 08 SAC - 1212597



Torque screw driver with preset torque of 0.8 Nm, with 4 mm hexagon for accommodating SAC bits, two-component handle with non-slip grip

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Torque screwdriver - TSD-M 1,2NM - 1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm