

Power cable - SAC-3P-MINMS/ 5,0-U20 - 1416789

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Power cable, 3-position, PVC, yellow, Plug straight 7/8"-16UNF, on free cable end, 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 |
|-----------------|-----|

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 |

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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 | 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) |

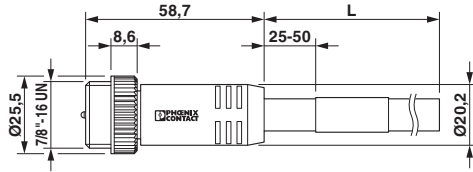
Standards and Regulations

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

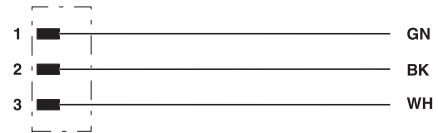
Drawings

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Dimensional drawing



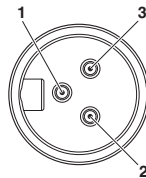
Circuit diagram



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

7/8"-16UNF plug, straight

Schematic diagram



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

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

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

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

cULus Listed



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