

## Power cable - SAC-4P- 1,0-U50/MINFR - 1417123

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Power cable, 4-position, PVC, black, free cable end, A - standard, on Socket angled 7/8"-16UNF, A - standard, cable length: 1 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
GTIN	 4 055626 222585
GTIN	4055626222585

### Technical data

#### Dimensions

Length of cable	1 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	24 A
Rated voltage	600 V AC 600 V DC
Number of positions	4
Color handle area	black
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No

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## Technical data

### General

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	TC-ER/600V, STOOW
Cable abbreviation	U50
AWG signal line	14
Conductor cross section signal conductor	4 x AWG 14
Wire colors	Black 1, white 2, red 3, green 4
Overall twist	4 wires, twisted
External sheath, color	black
External cable diameter	15.70 mm
Outer sheath, material	PVC
Material conductor insulation	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

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

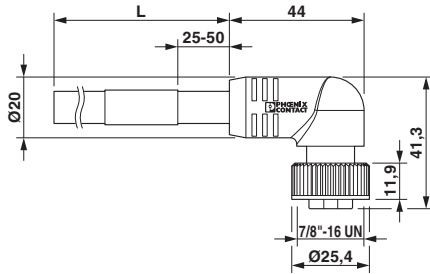
### Environmental Product Compliance

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

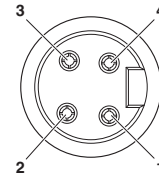
## Drawings

## Power cable - SAC-4P- 1,0-U50/MINFR - 1417123

Dimensional drawing



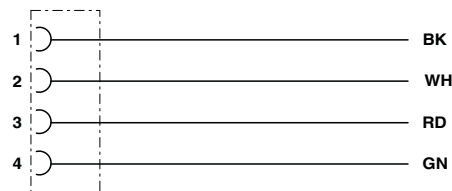
Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 4-pos., view of female side

7/8"-16UNF socket, angled

Circuit diagram



Contact assignment of 7/8" socket

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