

# Power cable - SAC-6P-MINMR/ 2,0-547/MINFS - 1416661

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Power cable, 6-position, PVC, yellow, Plug angled 7/8"-16UNF, on Socket straight 7/8"-16UNF, cable length: 2 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 222011
GTIN	4055626222011

## 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	300 V AC 300 V DC
Number of positions	6
Color handle area	yellow
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	ITC/PLTC
Cable abbreviation	547
AWG signal line	18
Conductor cross section signal conductor	6 x AWG 18
Conductor cross section voltage supply	41 x AWG 34
Wire colors	Green 1, white 2, blue 3, gray 4, yellow 5, brown 6
External sheath, color	yellow
External cable diameter	7.29 mm
Outer sheath, material	PVC
Conductor material	Bare Cu litz wires
Nominal voltage, cable	300 V
Flame resistance	UL 1581, FT4
Other resistance	UV resistant (720 h) UL 2556
Ambient temperature (operation)	-30 °C ... 105 °C (cable, flexible installation)

### Standards and Regulations

Flame resistance	UL 1581, FT4
Other resistance	UV resistant (720 h) UL 2556

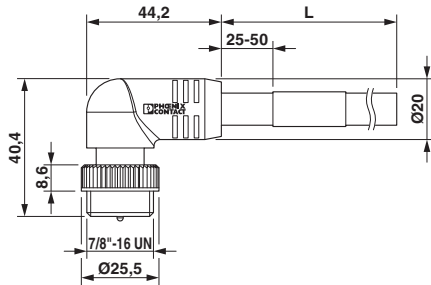
### Environmental Product Compliance

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

## Drawings

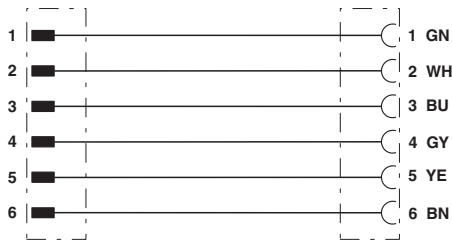
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Dimensional drawing



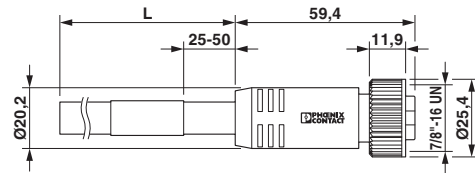
7/8"-16UNF plug, angled

Circuit diagram



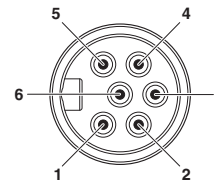
Contact assignment of 7/8" plugs/sockets

Dimensional drawing



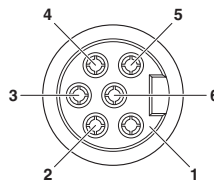
7/8"-16UNF socket, straight

Schematic diagram



Pin assignment, plug, 7/8"-16UNF, 6-pos., view of male side

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 6-pos., view of female side