

Power cable - SAC-6P-MINMR/ 1,0-547/MINFS - 1416490

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Power cable, 6-position, PVC, yellow, Plug angled 7/8"-16UNF, A - standard, on Socket straight 7/8"-16UNF, 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 221045 |
| GTIN | 4055626221045 |

Technical data

Dimensions

| | |
|-----------------|-----|
| Length of cable | 1 m |
|-----------------|-----|

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 _F -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 |

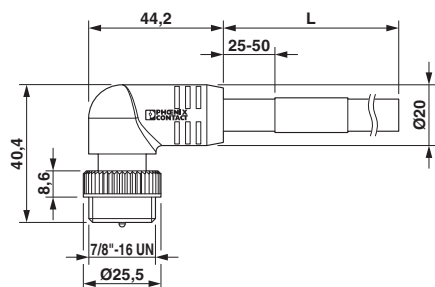
Environmental Product Compliance

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

Drawings

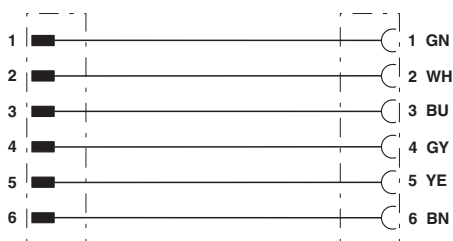
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Dimensional drawing

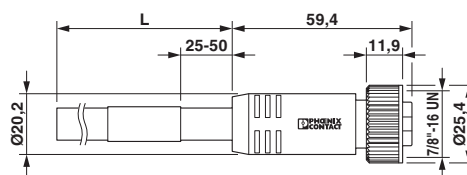


7/8"-16UNF plug, angled

Circuit diagram

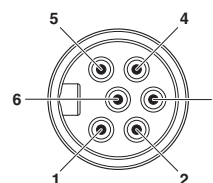


Dimensional drawing



7/8"-16UNF socket, straight

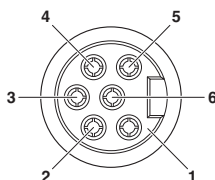
Schematic diagram



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

Contact assignment of 7/8" plugs/sockets

Schematic diagram



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