

SAC-4P- 2,0-186/FS SCO

Order No.: 1555648



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1555648>

Power cable, 4-pos., PUR/PVC black, free conductor end on straight socket M12 SPEEDCON, length: 2 m

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4046356173544 |
| Pack | 1 pcs. |
| Customs tariff | 85444290 |
| Weight/Piece | 0.12552 KG |
| Catalog page information | Page 286 (PC-2009) |

Product notes

WEEE/RoHS-compliant since: 11/30/2006



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Technical data

General data

| | |
|-----------------------|----------------------------|
| Nominal current I_N | 4 A |
| Nominal voltage U_N | 250 V |
| Number of positions | 4 |
| Volume resistance | $\leq 5 \text{ m}\Omega$ |
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |

| | |
|---------------------------------|--|
| Length of cable | 2 m |
| Ambient temperature (operation) | -25 °C ... 90 °C (plug/socket) |
| | -25 °C ... 80 °C (cable, fixed installation) |
| | -5 °C ... 80 °C (cable, flexible installation) |

General characteristics

| | |
|------------------------------------|---|
| Coding | A - standard |
| Inflammability class acc. to UL 94 | HB |
| Surge voltage category | II |
| Pollution degree | 3 |
| Degree of protection | IP65/IP68/IP69K |
| Contact material | CuSn |
| Contact surface material | Ni/Au |
| Contact carrier material | TPU GF |
| Material of grip body | TPU, hardly inflammable, self-extinguishing |
| Material, knurls | Zinc die-cast, (nickel-plated) |
| Status display | No |

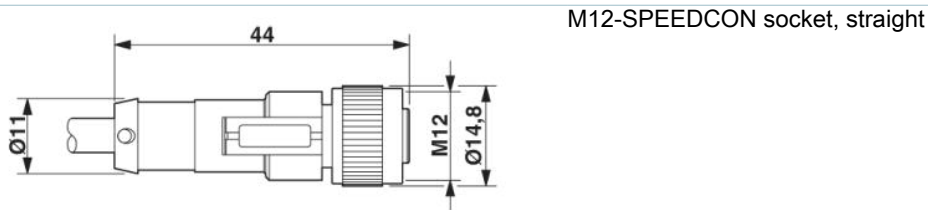
Conductor data

| | |
|------------------------------------|--------------------------------|
| Cable type | PUR/PVC black |
| Cable type (abbreviation) | 186 |
| Cable abbreviation | LiY11Y |
| Conductor cross section | 0.75 mm ² |
| AWG signal line | 18 |
| Conductor structure, signal line | 42x 0.15 mm |
| Core diameter including insulation | 1.75 mm ±0.05 mm |
| Thickness, insulation | ≥ 0.23 mm (Core insulation) |
| | ≥ 0.76 mm (Outer cable sheath) |
| External cable diameter | 5.90 mm |
| Wire colors | Brown, white, blue, black |
| External sheath, color | Black-gray RAL 7021 |
| Insulation resistance | ≥ 1 MΩ*km |
| Conductor resistance | Max. 26 Ω/km |
| Nominal voltage, conductor | ≤ 300 V |
| Test voltage, conductor | ≥ 3000 V |
| Overall twist | 4 wires, twisted |

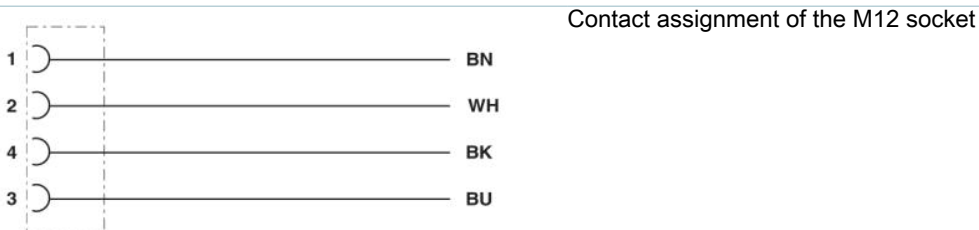
| | |
|---|-----------------------|
| Outer sheath, material | PUR |
| Material conductor insulation | PVC |
| Conductor material | Bare Cu litz wires |
| Cable weight | 57 kg/km |
| Smallest bending radius, movable installation | 59 mm |
| Number of bending cycles | 2000000 |
| Bending radius | 59 mm |
| Traversing path | 5 m |
| Traversing rate | 3 m/s |
| Acceleration | 5 m/s ² |
| Flame resistance | As per UL-Style 20549 |

Drawings

Dimensioned drawing

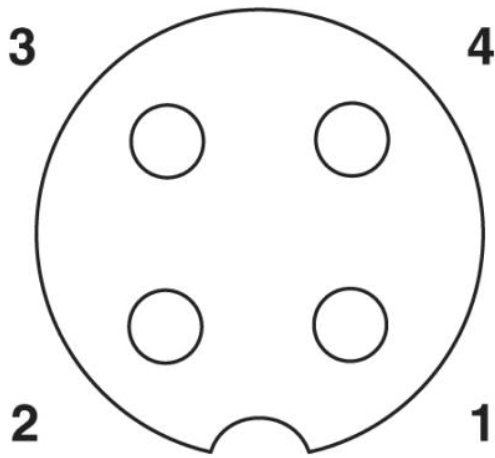


Circuit diagram



Schematic diagram

Pin assignment M12 socket, 4-pos., A-coded, view female side



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