


SAC-4P- 3,0-PUR/M12FSB

Order No.: 1548260

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1548260>

Sensor/Actuator cable, 4-position, PUR, Black-gray RAL 7021, Free conductor end, on Socket, straight M12, B-coded, Cable length: 3 m

Commercial data

| | |
|----------------|--|
| GTIN (EAN) |  4 046356 139205 |
| Note | Made-to-order |
| sales group | D111 |
| Pack | 5 pcs. |
| Customs tariff | 85444290 |

Product notes

WEEE/RoHS-compliant since:
03/27/2007



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Technical data

General data

| | |
|--|----------|
| Rated current at 40°C | 4 A |
| Rated voltage | 250 V |
| Number of positions | 4 |
| Volume resistance | ≤ 5 mΩ |
| Insulation resistance | ≥ 100 MΩ |
| Length of cable | 3 m |
| Stripping length of the free conductor end | 50 mm |

General characteristics

| | |
|-----------------------------|---|
| Coding | B - inverse |
| Surge voltage category | II |
| Pollution degree | 3 |
| Degree of protection | IP65/IP68/IP69K |
| Insertion/withdrawal cycles | ≥ 100 |
| 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) |
| Sealing material | NBR |
| Status display | No |

Conductor data

| | |
|---|--|
| Cable type | PUR halogen-free black |
| Cable abbreviation | Li9Y11Y-HF |
| Conductor cross section | 0.34 mm ² |
| AWG signal line | 22 |
| Conductor structure signal line | 42x 0.10 mm |
| Core diameter including insulation | 1.27 mm ±0.02 mm |
| Thickness, insulation | Approx. 0.21 mm (Core insulation) Approx. 0.8 mm (Outer cable sheath) |
| External cable diameter | 4.70 mm |
| Wire colors | Black, brown, blue, white |
| External sheath, color | Black-gray RAL 7021 |
| Insulation resistance | ≥ 100 MΩ*km |
| Conductor resistance | ≤ 58 Ω/km |
| Nominal voltage, conductor | 300 V |
| Test voltage, conductor | 3000 V |
| Overall twist | 4 wires, twisted |
| Outer sheath, material | PUR |
| Material conductor insulation | PP |
| Conductor material | Bare Cu litz wires |
| Cable weight | 30 kg/km |
| Smallest bending radius, movable installation | 47 mm |

| | |
|--------------------------|---------|
| Number of bending cycles | 4000000 |
| Bending radius | 47 mm |
| Traversing path | 10 m |
| Traversing rate | 3 m/s |

Certificates / Approvals

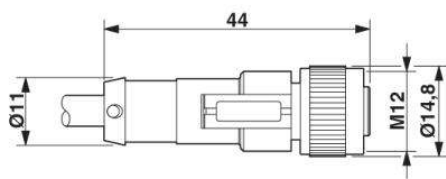


Certification

CUL Listed, UL Listed

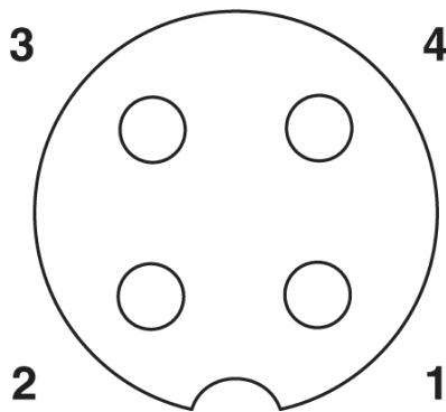
Diagrams/Drawings

Dimensioned drawing



M12 x 1 female connector, straight

Schematic diagram



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

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