

SAC-3P-M 8MS/ 1,5-PUR SH

Order No.: 1521614



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1521614>

Sensor/Actuator cable, 3-position, PUR, halogen-free, Black-gray RAL 7021, shielded, Plug, straight M8, on Free conductor end, Cable length: 1.5 m

Commercial data

| | |
|--------------------------|-------------------|
| GTIN (EAN) | 4017918968649 |
| sales group | D130 |
| Pack | 1 pcs. |
| Customs tariff | 85444290 |
| Weight/Piece | 0.0594 KG |
| Catalog page information | Page 79 (PC-2009) |

Product notes

WEEE/RoHS-compliant since:
09/21/2006



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Technical data

General data

| | |
|-----------------------|--------|
| Rated current at 40°C | 4 A |
| Rated voltage | 60 V |
| Number of positions | 3 |
| Volume resistance | ≤ 5 mΩ |

| | |
|--|--|
| Insulation resistance | ≥ 100 MΩ |
| Length of cable | 1.5 m |
| Stripping length of the free conductor end | 50 mm |
| Ambient temperature (operation) | -25 °C ... 90 °C (Male connector / female connector) |

General characteristics

| | |
|--------------------------|---|
| Standards/regulations | M8 male connector IEC 61076-2-104 |
| Coding | A - standard |
| Surge voltage category | II |
| Pollution degree | 3 |
| Degree of protection | IP65/IP67/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 halogen-free black shielded |
| Cable type (abbreviation) | PUR |
| Conductor cross section | 0.25 mm ² |
| AWG signal line | 24 |
| Conductor structure signal line | 32 x 0.10 mm |
| Core diameter including insulation | 1.17 mm ±0.02 mm |
| External cable diameter | 5.00 mm |
| Wire colors | Brown, blue, black |
| External sheath, color | Black-gray RAL 7021 |
| Outer sheath, material | PUR |
| Conductor material | Bare Cu litz wires |
| Cable weight | 33 kg/km |
| Smallest bending radius, fixed installation | 50 mm |
| Smallest bending radius, movable installation | 50 mm |
| Number of bending cycles | 4000000 |
| Bending radius | 50 mm |
| Traversing path | 10 m |

| | |
|---------------------------------|--|
| Traversing rate | 3 m/s |
| Acceleration | 10 m/s ² |
| Ambient temperature (operation) | -40 °C ... 80 °C (cable, fixed installation) -5 °C ... 80 °C (cable, flexible installation) |
| Special properties | Flexible cable conduit capable Silicone-free Free of substances which would hinder coating with paint or varnish |
| Flame resistance | in accordance with DIN UL-Style 20549 |
| Halogen-free | in accordance with DIN VDE 0472 part 815 |
| Resistance to oil | in accordance with DIN EN 60811-2-1 |
| Other resistance | Highly resistant to acids, alkaline solutions and solvents hydrolysis and microbe resistant |

Certificates / Approvals

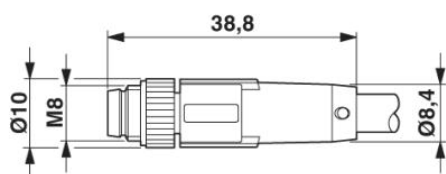


Certification

CUL Listed, UL Listed

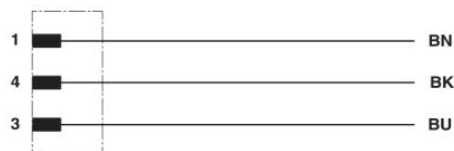
Diagrams/Drawings

Dimensioned drawing



Plug M8 x 1, straight, shielded

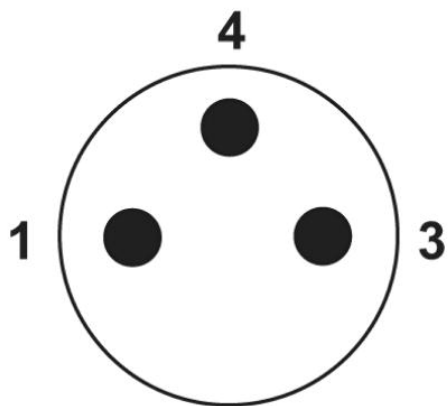
Circuit diagram



Contact assignment of the M8 plug

Schematic diagram

Pin assignment M8 plug, 3-pos., view male side



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