


SAC-5P-M12MR/ 5,0-920/M12FR

Order No.: 1543919



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1543919>

Sensor/Actuator cable, 5-position, PUR, Violet, RAL 4001, Plug, angled M12, on Socket, angled M12, Cable length: 5 m

| Commercial data | |
|-----------------|---|
| GTIN (EAN) |  4 046356 103053 |
| Note | Made-to-order |
| sales group | D117 |
| Pack | 1 pcs. |
| Customs tariff | 85444290 |

Product notes

WEEE/RoHS-compliant since:
09/19/2006



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Technical data

| General data | |
|-----------------------------|-------|
| Number of positions | 5 |
| Length of cable | 5 m |
| General characteristics | |
| Insertion/withdrawal cycles | ≥ 100 |

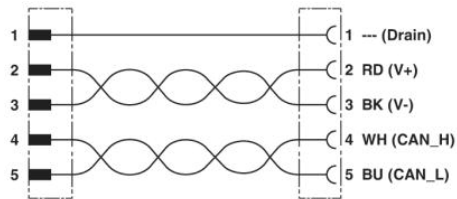
Conductor data

| | |
|---|---|
| Cable type | CAN Bus/DeviceNet |
| Conductor cross section | 0.2 mm ² (signal line) |
| | 0.32 mm ² (Power supply) |
| | 0.32 mm ² (Drain wire) |
| AWG signal line | 24 |
| Conductor structure signal line | 19x 0.12 mm |
| AWG power supply | 22 |
| Conductor structure, voltage supply | 19x 0.15 mm |
| Core diameter including insulation | 2.05 mm ±0.1 mm (signal line) |
| | 1.4 mm ±0.05 mm (Power supply) |
| External cable diameter | 6.70 mm |
| Wire colors | Red-black, blue-white |
| External sheath, color | Violet, RAL 4001 |
| Insulation resistance | ≥ 5 GΩ*km (signal line) |
| | ≥ 100 MΩ*km (Power supply) |
| Conductor resistance | ≤ 78.4 Ω/km (signal line) |
| | ≥ 51.6 Ω/km (Power supply) |
| Working capacitance | 39.3 pF (Signal line, Core-Core) |
| | 78.7 pF (Signal line, Core-Shield) |
| Nominal voltage, conductor | 300 V (Power supply) |
| | 30 V (signal line) |
| Test voltage, conductor | 1500 V (signal line) |
| | 2000 V (Power supply) |
| Twisted pairs | 2 cores to the pair |
| Type of pair shielding | Aluminum-lined polyester foil |
| Overall twist | 2 pairs around a drain wire in the center to the core |
| Shielding | Tinned copper braided shield |
| Optical shield covering | 70 % |
| Outer sheath, material | PUR |
| Material conductor insulation | PE (Power supply) |
| | Foamed PE (signal line) |
| Conductor material | Tin-plated Cu litz wires |
| Smallest bending radius, fixed installation | 67 mm |
| Smallest bending radius, movable installation | 67 mm |
| Number of bending cycles | 5000000 |

| | |
|-----------------|--------------------|
| Bending radius | 67 mm |
| Traversing path | 10 m |
| Traversing rate | 3 m/s |
| Acceleration | 7 m/s ² |

Diagrams/Drawings

Circuit diagram



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