



Automatización Eléctrica
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

Sensor/Actuator cable - SAC-4P-M5MS/ 3,0-PUR - 1530317

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Sensor/Actuator cable, 4-position, PUR, black RAL 9005, Plug straight M5, A-coded, on free cable end, Cable length: 3 m

Why buy this product

- Easy and safe: 100% electrically tested plug-in components
- Signal transmission in a confined space – with our M5 connectors

Key Commercial Data

| | |
|--------------|---------------------|
| Packing unit | 1 STK |
| GTIN | 4 046356 024112 |

Technical data

Dimensions

| | |
|-----------------|-----|
| Length of cable | 3 m |
|-----------------|-----|

Ambient conditions

| | |
|---------------------------------|----------------------------------|
| Ambient temperature (operation) | -25 °C ... 80 °C (Plug / socket) |
| Degree of protection | IP65 |
| | IP67 |
| | IP68 |

General

| | |
|------------------------------|------------------------------|
| Rated current at 40°C | 1 A |
| Rated voltage | 125 V |
| Number of positions | 4 |
| Insulation resistance | ≥ 10 GΩ |
| Coding | A - standard |
| Standards/regulations | M5 connector IEC 61076-2-105 |
| Status display | No |
| Protective circuit/component | Unwired |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Test voltage | 1750 V |

Sensor/Actuator cable - SAC-4P-M5MS/ 3,0-PUR - 1530317

Technical data

General

| | |
|-----------------------------|-------|
| Insertion/withdrawal cycles | ≥ 100 |
|-----------------------------|-------|

Material

| | |
|--------------------------|---------------------|
| Contact material | CuZn |
| Contact surface material | Au |
| Contact carrier material | PUR |
| Material of grip body | PUR |
| Material, knurls | Nickel-plated brass |

Standards and Regulations

| | |
|-----------------------|-----------------|
| Standard designation | M5 connector |
| Standards/regulations | IEC 61076-2-105 |

Cable

| | |
|---|--|
| Cable type | PUR/PVC black |
| Cable type (abbreviation) | 350 |
| Conductor cross section | 4x 0.14 mm ² (Signal line) |
| AWG signal line | 26 |
| Conductor structure signal line | 18x 0.10 mm |
| Core diameter including insulation | 0.92 mm ±0.02 mm |
| Wire colors | brown, white, blue, black |
| Overall twist | 4 wires, twisted |
| External sheath, color | black RAL 9005 |
| External cable diameter D | 3.5 mm ±0.1 mm |
| Smallest bending radius, fixed installation | 9 mm |
| Smallest bending radius, movable installation | 18 mm |
| Outer sheath, material | PUR |
| Material conductor insulation | PVC |
| Conductor material | Bare Cu litz wires |
| Insulation resistance | 100 MΩ*km |
| Conductor resistance | 148 Ω/km |
| Nominal voltage, cable | 100 V |
| Test voltage, cable | 800 V _{rms} |
| Ambient temperature (operation) | -15 °C ... 80 °C (cable, fixed installation) |
| | -5 °C ... 80 °C (cable, flexible installation) |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |

Sensor/Actuator cable - SAC-4P-M5MS/ 3,0-PUR - 1530317

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27061801 |
| eCl@ss 6.0 | 27061801 |
| eCl@ss 7.0 | 27061801 |
| eCl@ss 8.0 | 27279218 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000830 |
| ETIM 3.0 | EC001855 |
| ETIM 4.0 | EC001855 |
| ETIM 5.0 | EC001855 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11 | 31251501 |
| UNSPSC 12.01 | 31251501 |
| UNSPSC 13.2 | 31251501 |

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

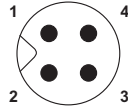
Approval details

| |
|-----|
| EAC |
|-----|

Drawings

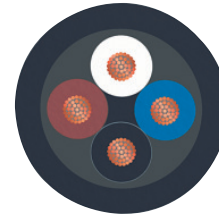
Sensor/Actuator cable - SAC-4P-M5MS/ 3,0-PUR - 1530317

Schematic diagram



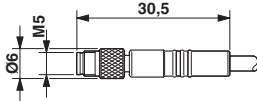
Plug M5, 4-pos.

Cable cross section



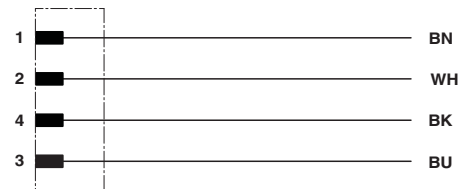
PUR/PVC black [350]

Dimensional drawing



Plug M5 x 0.5, straight

Circuit diagram



Contact assignment of the M5 connector

Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

| Product | Code | Reference | Product link |
|---|---------|-------------------------|----------------------------|
| Sensor/Actuator cable, 4-position, PUR, black RAL 9005, Plug straight M5, A-coded, on free cable end, Cable length: 3 m | 1530317 | SAC-4P-M5MS/ 3,0-PUR | Buy on EAN |