

## SAC-5P-MINMS/ 2,0-400

Order No.: 1531824



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1531824>

Sensor/Actuator cable, 5-position, PVC, Yellow RAL 1021, Plug, straight 7/8" 16UNF, A-coded, on Free conductor end, Cable length: 2 m

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| GTIN (EAN)               | 4 046356 024945    |
| Note                     | Made-to-order      |
| sales group              | D142               |
| Pack                     | 1 pcs.             |
| Customs tariff           | 85444290           |
| Catalog page information | Page 106 (PC-2007) |

### Product notes

WEEE/RoHS-compliant since:  
03/23/2006



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### General data

|                       |        |
|-----------------------|--------|
| Rated current at 40°C | 5.6 A  |
| Rated voltage         | 300 V  |
| Number of positions   | 5      |
| Volume resistance     | ≤ 5 mΩ |

|                                 |                                                      |
|---------------------------------|------------------------------------------------------|
| Insulation resistance           | $\geq 10 \text{ M}\Omega$                            |
| Length of cable                 | 2 m                                                  |
| Ambient temperature (operation) | -25 °C ... 80 °C (Male connector / female connector) |

#### General characteristics

|                          |                     |
|--------------------------|---------------------|
| Coding                   | A - standard        |
| Surge voltage category   | II                  |
| Pollution degree         | 2                   |
| Degree of protection     | IP68                |
| Contact material         | CuZn                |
| Contact surface material | Au                  |
| Contact carrier material | PUR                 |
| Material of grip body    | PUR                 |
| Material, knurls         | Nickel-plated brass |
| Status display           | No                  |
| Test voltage             | 2500 V              |

#### Conductor data

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Cable type                      | PVC yellow IEC color code               |
| Conductor cross section         | 0.75 mm <sup>2</sup>                    |
| AWG signal line                 | 18                                      |
| Conductor structure signal line | 41x 0.16 mm                             |
| External cable diameter         | 6.80 mm                                 |
| Wire colors                     | Black, brown, blue, white, green/yellow |
| External sheath, color          | Yellow RAL 1021                         |
| Outer sheath, material          | PVC                                     |

#### Certificates / Approvals

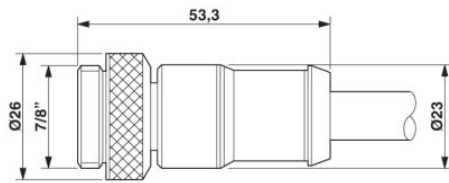


Certification

CUL Listed, UL Listed

## Diagrams/Drawings

### Dimensioned drawing

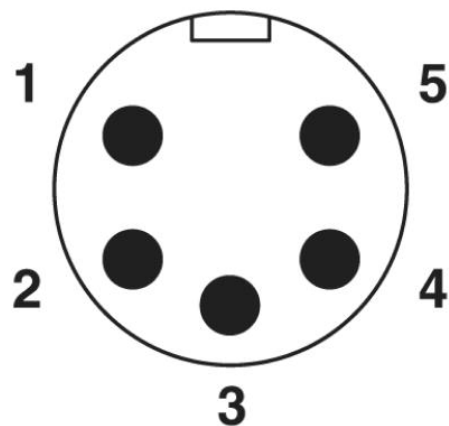


7/8"-16UNF connector, straight

### Circuit diagram



### Schematic diagram



Pin assignment, plug, 7/8"-16UNF, 5-pos., view of male side

**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachsmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



© 2011 Phoenix Contact  
Technical modifications reserved;