

## Sensor/Actuator cable - SAC-3P- 4,0-410/MINFS - 1532470

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Sensor/Actuator cable, 3-position, PVC, Yellow RAL 1021, free cable end, on Socket straight 7/8"-16UNF, A-coded, Cable length: 4 m

### Product Features

- ✓ Easy and safe: 100% electrically tested plug-in components
- ✓ Robust connectors in size 7/8"-16UNF
- ✓ High-performance: connectors and cables with a large conductor cross section for power supply

### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 pc      |
| Weight per Piece (excluding packing) | 601.0 GRM |
| Custom tariff number                 | 85444290  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|                 |     |
|-----------------|-----|
| Length of cable | 4 m |
|-----------------|-----|

#### Ambient conditions

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

#### General

|                       |              |
|-----------------------|--------------|
| Rated current at 40°C | 13 A         |
| Rated voltage         | 600 V        |
| Number of positions   | 3            |
| Contact resistance    | ≤ 5 mΩ       |
| Insulation resistance | ≥ 10 MΩ      |
| Coding                | A - standard |

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### Technical data

#### General

|                              |         |
|------------------------------|---------|
| Status display               | No      |
| Protective circuit/component | Unwired |
| Surge voltage category       | II      |
| Pollution degree             | 2       |
| Test voltage                 | 4000 V  |
| Insertion/withdrawal cycles  | > 500   |

#### Material

|   |                     |
|---|---------------------|
| Inflammability class according to UL 94 | HB                  |
| Contact material                        | CuSn                |
| Contact surface material                | Au                  |
| Contact carrier material                | PUR                 |
| Material of grip body                   | PUR                 |
| Material, knurls                        | Nickel-plated brass |

#### Cable

|                                 |  |
|---------------------------------|--|
| Cable type                      | PVC yellow U.S. color code                       |
| Conductor cross section         | 1.5 mm <sup>2</sup>                              |
| AWG signal line                 | 16   |
| Conductor structure signal line | 65x 0.16 mm                                      |
| Wire colors                     | Green, black, white                              |
| External sheath, color          | Yellow RAL 1021                                  |
| External cable diameter         | 10.24 mm   |
| Outer sheath, material          | PVC  |
| Ambient temperature (operation) | -20 °C ... 105 °C (cable, fixed installation)    |
|                                 | -20 °C ... 105 °C (cable, flexible installation) |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 27061801 |
| eCl@ss 6.0 | 27061801 |
| eCl@ss 7.0 | 27061801 |
| eCl@ss 8.0 | 27061801 |

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### Classifications

#### 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

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#### Approvals

UL Listed / cUL Listed / cUL Listed / cULus Listed

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

|   |       |
|---|-------|
| UL Listed  |       |
| mm <sup>2</sup> /AWG/kcmil  | 16    |
| Nominal current I <sub>N</sub>  | 13 A  |
| Nominal voltage U <sub>N</sub>  | 600 V |

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## Approvals

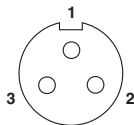
|                                |       |
|--------------------------------|-------|
| cUL Listed                     |       |
| mm <sup>2</sup> /AWG/kcmil     | 16    |
| Nominal current I <sub>N</sub> | 13 A  |
| Nominal voltage U <sub>N</sub> | 600 V |

|                                |       |
|--------------------------------|-------|
| cUL Listed                     |       |
| mm <sup>2</sup> /AWG/kcmil     | 16    |
| Nominal current I <sub>N</sub> | 13 A  |
| Nominal voltage U <sub>N</sub> | 600 V |

|              |  |
|--------------|--|
| cULus Listed |  |
|--------------|--|

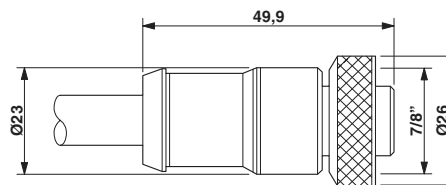
## Drawings

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 3-pos., view of female side

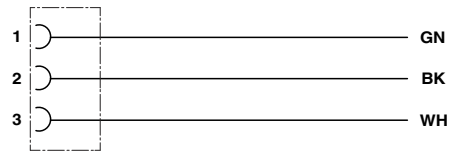
Dimensioned drawing



7/8"-16UNF socket, straight

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Circuit diagram



Contact assignment of 7/8" plugs/sockets, cable type 410