

Sensor/Actuator cable - SAC-4P- 6,0-400/MINFS - 1532043

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Sensor/Actuator cable, 4-position, PVC, Yellow RAL 1021, Free cable end, on Socket straight 7/8"-16UNF, A-coded, Cable length: 6 m

Product Features

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



Key commercial data

| | |
|------------------------|---|
| Packing unit | 1 PCE |
| Minimum order quantity | 50 PCE |
| Catalog page | Page 104 (PC-2007) |
| GTIN |  4 046356 025119 |
| Custom tariff number | 85444290 |
| Country of origin | GERMANY |

Technical data

General data

| | |
|---------------------------------|----------------------------------|
| Rated current at 40°C | 7 A |
| Rated voltage | 300 V |
| Number of positions | 4 |
| Volume resistance | ≤ 5 mΩ |
| Insulation resistance | ≥ 10 MΩ |
| Length of cable | 6 m |
| Ambient temperature (operation) | -25 °C ... 80 °C (Plug / socket) |

General characteristics

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Technical data

General characteristics

| | |
|-----------------------------|---------------------|
| Coding | A - standard |
| Surge voltage category | II |
| Pollution degree | 2 |
| Degree of protection | IP65/IP67/IP68 |
| Insertion/withdrawal cycles | > 500 |
| Contact material | CuSn |
| 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 ² |
| AWG signal line | 18 |
| Conductor structure signal line | 41x 0.16 mm |
| Wire colors | brown, white, blue, black |
| External sheath, color | Yellow RAL 1021 |
| External cable diameter | 6.30 mm |
| Outer sheath, material | PVC |
| Ambient temperature (operation) | -10 °C ... 105 °C (cable, fixed installation) |
| Ambient temperature (operation) | -5 °C ... 105 °C (cable, flexible installation) |

Classifications

ETIM

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

UNSPSC

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

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Classifications

UNSPSC

| | |
|---------------|----------|
| UNSPSC 7.0901 | 31251501 |
|---------------|----------|

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 |

Approvals

Approvals


Approvals


UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approvals submitted

Approval details

| | |
|---|-------|
| UL Listed  | |
| mm ² /AWG/kcmil | 18 |
| Nominal current I _N | 7 A |
| Nominal voltage U _N | 300 V |

| | |
|--|----|
| cUL Listed  | |
| mm ² /AWG/kcmil | 18 |

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Approvals

| | |
|--------------------------------|-------|
| Nominal current I _N | 7 A |
| Nominal voltage U _N | 300 V |



Accessories

Accessories

Marking

Insert label - PABA WH/15 - 1013151



Insert label, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Thread on, Cable diameter: 0.6-50 mm, Lettering field: 15 x 4 mm

Insert label - PABA YE/15 - 1013698



Insert label, Strip, yellow, Unlabeled, Can be labeled with: Plotter, Mounting type: Thread on, Cable diameter: 0.6-50 mm, Lettering field: 15 x 4 mm

Insert label - PABA RD/15 - 1013944



Insert label, Strip, red, Unlabeled, Can be labeled with: Plotter, Mounting type: Thread on, Cable diameter: 0.6-50 mm, Lettering field: 15 x 4 mm

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Accessories

Conductor marker carrier - PATG 2/23 - 1013850



Conductor marker carrier, transparent, Unlabeled, Mounting type: Slide on, Cable diameter: 2-4 mm, Lettering field: 4 x 23 mm

Conductor marker carrier - PATG 3/23 - 1013863



Conductor marker carrier, transparent, Unlabeled, Mounting type: Slide on, Cable diameter: 4-7 mm, Lettering field: 4 x 23 mm

Conductor marker carrier - PATG 4/23 - 0808011



Conductor marker carrier, transparent, Unlabeled, Mounting type: Slide on, Cable diameter: 6-10 mm, Lettering field: 4 x 23 mm

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Protection and sealing elements

Screw plug - PROT-MINMS-PA-CHAIN - 1430925



7/8" sealing cap made of plastic with fixing band, for sensor cables, for 7/8" sockets

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Accessories

Tools

Cable-cutting tool - CUTFOX-S VDE - 1212207



Diagonal cutter for copper and aluminum conductors, VDE-tested

Stripping tool - WIREFOX SAC - 1212623



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length

Stripping tool - WIREFOX 10 - 1212150



Stripping tool, for cables and conductors from 0.02 - 10 mm², self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm² stranded/1.5 mm² solid, replaceable stripping blade

Torque screwdriver - TSD 08 SAC - 1212597



Torque screw driver with preset torque of 0.8 Nm, with 4 mm hexagon for accommodating SAC bits, two-component handle with non-slip grip

Torque screwdriver - TSD-M 1,2NM - 1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

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Accessories

Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600



Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

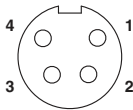
Adapter - SAC BIT MIN-D25 - 1212512



SAC nut, for assembling 7/8" connectors, with 4 mm hexagonal drive

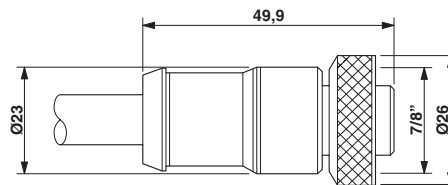
Drawings

Schematic diagram



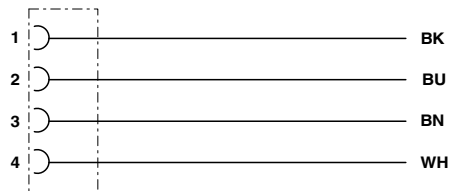
Pin assignment, socket, 7/8"-16UNF, 4-pos., view of female side

Dimensioned drawing



7/8"-16UNF socket, straight

Circuit diagram



Contact assignment of 7/8" plugs/sockets, cable type 400

