


Sensor/actuator cable - SAC-5P- 2,0-100/M12FS SH RE - 1550821

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Sensor/actuator cable, PUR/PVC, gray RAL 7001, shielded, cable length: 2 m



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| GTIN |  4 046356 153553 |
| GTIN | 4046356153553 |
| Weight per Piece (excluding packing) | 160.000 g |
| Custom tariff number | 85444290 |
| Country of origin | Poland |
| Note | Made to Order (non-returnable) |

Technical data

Dimensions

| | |
|-----------------|-----|
| Length of cable | 2 m |
|-----------------|-----|

General

| | |
|-----------------------------|--------------------|
| Rated voltage | 48 V AC 60 V DC |
| Insertion/withdrawal cycles | ≥ 100 |

Cable

| | |
|------------------------------------|-----------------------------------|
| Cable type | PUR/PVC shielded, gray |
| Cable type (abbreviation) | 100 |
| Cable abbreviation | LiYV1-C-Y-11Y |
| UL AWM style | 20549 / 1729 (80°C/300 V) |
| Conductor cross section | 5x 0.34 mm ² |
| AWG signal line | 22 |
| Conductor structure signal line | 42x 0.10 mm |
| Core diameter including insulation | 1.5 mm ±0.05 mm |
| Thickness, insulation | ≥ 0.23 mm |
| Wire colors | Brown, white, blue, black, gray |
| Overall twist | 5 wires around filler to the core |

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Technical data

Cable

| | |
|---------------------------------|--|
| Shielding | Tinned copper braided shield |
| Optical shield covering | 85 % |
| External sheath, color | gray RAL 7001 |
| Inner sheath thickness | approx. 0.25 mm |
| Outer sheath thickness | ≥ 0.38 mm |
| External cable diameter D | 5.9 mm ±0.2 mm |
| Cable weight | 55 kg/km |
| Outer sheath, material | PUR |
| Material, inner sheath | PVC |
| Material, filler | PVC |
| Material conductor insulation | PVC |
| Conductor material | Bare Cu litz wires |
| Insulation resistance | ≥ 100 MΩ*km (at 20 °C) |
| Conductor resistance | 58 Ω/km (at 20 °C) |
| Nominal voltage, cable | ≤ 300 V |
| Test voltage, cable | ≥ 3000 V |
| Flame resistance | in accordance with DIN UL-Style 20549 |
| Ambient temperature (operation) | -25 °C ... 80 °C (cable, fixed installation) |

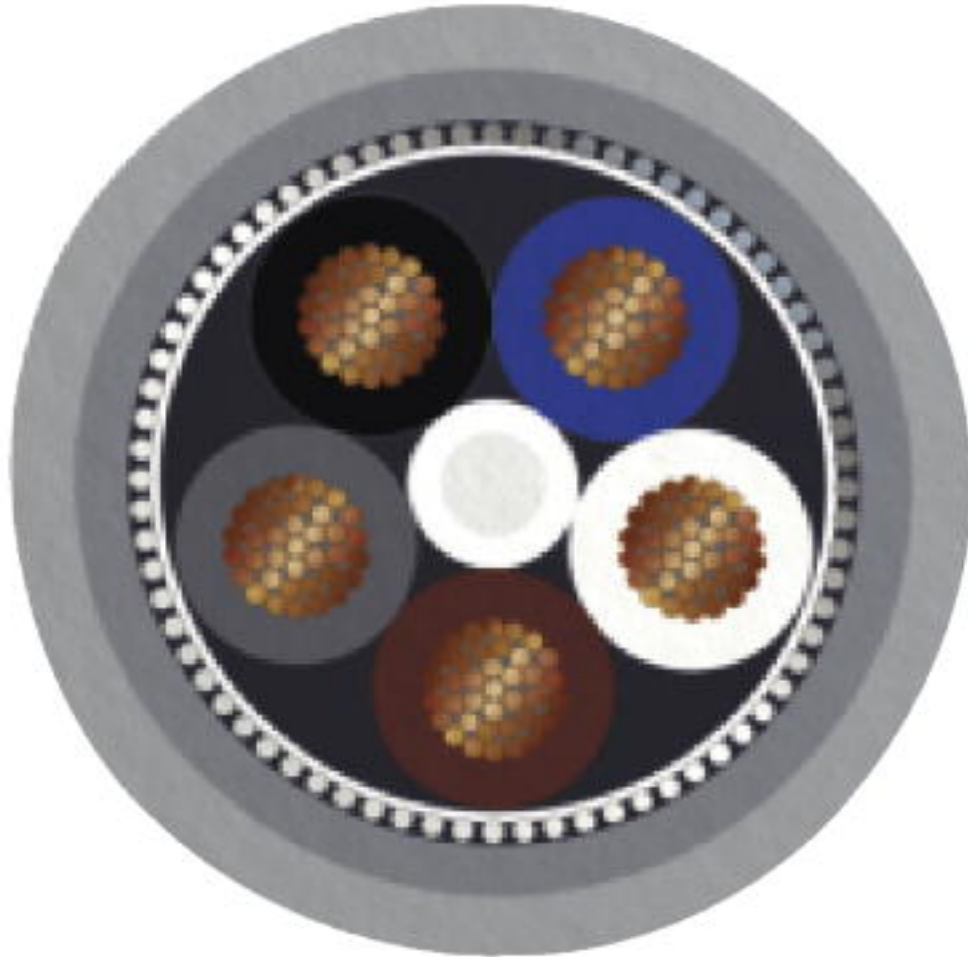
Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Sensor/actuator cable - SAC-5P- 2,0-100/M12FS SH RE - 1550821

Cable cross section



PUR/PVC shielded, gray [100]

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 | 27279218 |
| eCl@ss 9.0 | 27060311 |

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001855 |
| ETIM 4.0 | EC001855 |
| ETIM 5.0 | EC001855 |
| ETIM 6.0 | EC001855 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11 | 31251501 |
| UNSPSC 12.01 | 31251501 |
| UNSPSC 13.2 | 31251501 |
| UNSPSC 19.0 | 31251501 |
| UNSPSC 20.0 | 31251501 |
| UNSPSC 21.0 | 31251501 |

Approvals


Approvals


Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

| | | | |
|--------------------|---|---|---------------|
| UL Listed |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 221474 |
| | | | |
| Nominal voltage UN | 125 V | | |
| Nominal current IN | 4 A | | |

| | | | |
|--------------------|---|---|---------------|
| cUL Listed |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 221474 |
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| Nominal voltage UN | 125 V | | |
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Approvals

cULus Listed



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