

Sensor/Actuator cable - SAC-4P-M12MR/0,15-PUR/M12FR TP - 1505164

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Sensor/Actuator cable, 4-position, PUR/PVC, Green RAL 6017, Plug angled M12, A-coded, on Socket angled M12, A-coded, Cable length: 0.15 m



Key commercial data

| | |
|--------------------------------------|----------|
| Packing unit | 1 1 |
| Weight per Piece (excluding packing) | 33.9 GRM |
| Custom tariff number | 85444290 |
| Country of origin | Poland |

Technical data

Dimensions

| | |
|-----------------|--------|
| Length of cable | 0.15 m |
|-----------------|--------|

Ambient conditions

| | |
|----------------------|------|
| Degree of protection | IP65 |
| | IP67 |
| | IP68 |

General

| | |
|-----------------------------|--------------|
| Rated current at 40°C | 4 A |
| Rated voltage | 250 V |
| Number of positions | 4 |
| Contact resistance | ≤ 5 mΩ |
| Insulation resistance | ≥ 100 MΩ |
| Coding | A - standard |
| Status display | No |
| Surge voltage category | II |
| Pollution degree | 3 |
| Insertion/withdrawal cycles | ≥ 100 |

Material

| | |
|---|------|
| Inflammability class according to UL 94 | HB |
| Contact material | CuSn |

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Technical data

Material

| | |
|--------------------------|---|
| Contact surface material | Ni/Au |
| Contact carrier material | TPU GF |
| Material of grip body | TPU, hardly inflammable, self-extinguishing |
| Material, knurls | Zinc die-cast, nickel-plated |
| Sealing material | NBR |

Cable

| | |
|---|-------------------------------------|
| Cable type | PUR/PVC green |
| Conductor cross section | 0.5 mm ² |
| AWG signal line | 20 |
| Conductor structure signal line | 28x 0.15 mm |
| Thickness, insulation | (Core insulation) |
| | approx. 1 mm (Inner sheath) |
| | approx. 0.7 mm (Outer cable sheath) |
| Wire colors | Brown-white, green-yellow |
| External sheath, color | Green RAL 6017 |
| External cable diameter | 7.80 mm |
| Smallest bending radius, movable installation | 78 mm |
| Number of bending cycles | 2000000 |
| Bending radius | 78 mm |
| Traversing path | 5 m |
| Traversing rate | 3 m/s |
| Outer sheath, material | PUR |
| Material, inner sheath | PVC |
| Material conductor insulation | PVC |
| Conductor material | Bare Cu litz wires |
| Nominal voltage, cable | 300 V |
| Test voltage, cable | 1500 V |

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 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 8.0 | 27061801 |
|------------|----------|

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

UL Listed / GOST / cUL Listed / cULus Listed

Ex Approvals

Approvals submitted

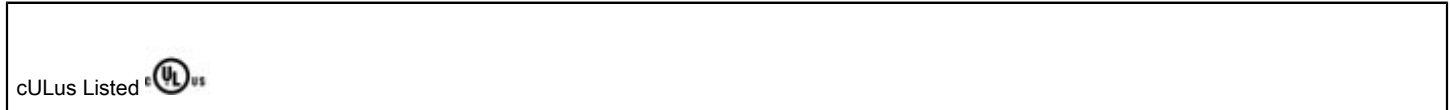
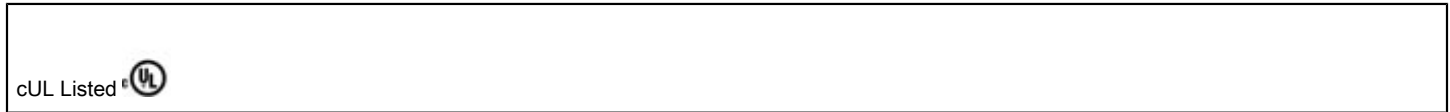
Approval details

| |
|---|
| UL Listed  |
|---|

| |
|--|
| GOST  |
|--|

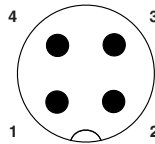
Sensor/Actuator cable - SAC-4P-M12MR/0,15-PUR/M12FR TP - 1505164

Approvals



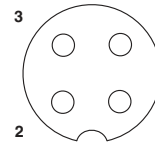
Drawings

Schematic diagram



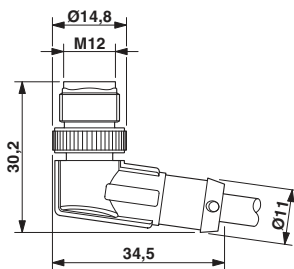
Pin assignment M12 plug, 4-pos., A-coded, view plug side

Schematic diagram



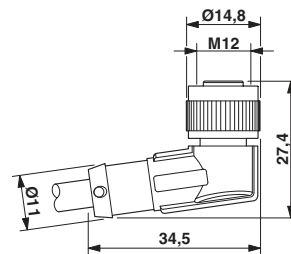
Pin assignment M12 socket, 4-pos., A-coded, view female side

Dimensioned drawing



M12 x 1 male plug, angled

Dimensioned drawing



M12 x 1 socket, angled

Circuit diagram

