

Sensor/Actuator cable - SAC-4P-M12MSB/ 3,0-PUR/M12FSB - 1554380

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Sensor/Actuator cable, PUR/PVC, Black RAL 9005, Plug straight M12, B-coded, on Socket straight M12, B-coded, Cable length: 3 m



Key commercial data

| | |
|--------------------------------------|------------|
| Packing unit | 1 1 |
| Minimum order quantity | 50 1 |
| Weight per Piece (excluding packing) | 144.26 GRM |
| Custom tariff number | 85444290 |
| Country of origin | Poland |

Technical data

Dimensions

| | |
|-----------------|-----|
| Length of cable | 3 m |
|-----------------|-----|

General

| | |
|-----------------------------|----------------------------|
| Rated voltage | 250 V |
| Contact resistance | $\leq 5 \text{ m}\Omega$ |
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |
| Coding | B - inverse |
| Insertion/withdrawal cycles | ≥ 100 |

Material

| | |
|--------------------------|---|
| Contact material | CuSn |
| Contact surface material | Ni/Au |
| Contact carrier material | PA 66 |
| Material of grip body | TPU, hardly inflammable, self-extinguishing |
| Material, knurls | Zinc die-cast, nickel-plated |
| Sealing material | NBR |

Cable

| | |
|-------------------------|----------------------|
| Cable type | PUR/PVC black |
| Cable abbreviation | LiYY-11Y |
| Conductor cross section | 0.34 mm ² |

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Technical data

Cable

| | |
|---|--------------------------------|
| AWG signal line | 22 |
| Conductor structure signal line | 42x 0.10 mm |
| Core diameter including insulation | 1.5 mm ±0.05 mm |
| Thickness, insulation | ≥ 0.3 mm (Core insulation) |
| | ≥ 0.35 mm (Inner sheath) |
| | ≥ 0.38 mm (Outer cable sheath) |
| Wire colors | brown, white, blue, black |
| Overall twist | 4 wires, twisted |
| External sheath, color | Black RAL 9005 |
| External cable diameter | 5.20 mm |
| Smallest bending radius, fixed installation | 52 mm |
| Smallest bending radius, movable installation | 52 mm |
| Number of bending cycles | 2000000 |
| Bending radius | 52 mm |
| Traversing path | 5 m |
| Traversing rate | 3 m/s |
| Cable weight | 39 kg/km |
| Outer sheath, material | PUR |
| Material, inner sheath | PVC |
| Material conductor insulation | PVC |
| Conductor material | Bare Cu litz wires |
| Insulation resistance | ≥ 1 GΩ*km |
| Conductor resistance | ≤ 58 Ω/km |
| Nominal voltage, cable | 300 V |
| Test voltage, cable | 3000 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 |
| eCl@ss 8.0 | 27061801 |

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Classifications

ETIM

| | |
|----------|----------|
| 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 / cUL Listed / cULus Listed

Ex Approvals

Approvals submitted

Approval details

| | |
|--------------------|-------|
| UL Listed | |
| Nominal current IN | 4 A |
| Nominal voltage UN | 300 V |

| | |
|--------------------|-----|
| cUL Listed | |
| Nominal current IN | 4 A |

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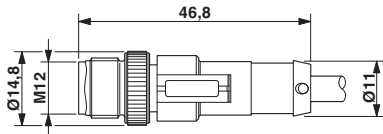
Approvals

| | |
|--------------------|-------|
| Nominal voltage UN | 300 V |
|--------------------|-------|



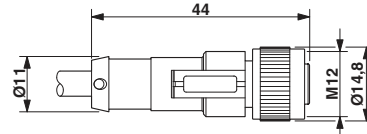
Drawings

Dimensioned drawing



M12 x 1 plug, straight

Dimensioned drawing



M12 x 1 socket, straight