

Sensor/actuator cable - SAC-4P- 7,0-PVC/M12FR - 1447138

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Sensor/actuator cable, 4-pos., PVC, RAL 9005 (black), free cable end, to angled M12 socket, A-coded, cable length: 7 m



Key Commercial Data

| | |
|------------------------|---------------|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| GTIN | |
| GTIN | 4046356729758 |

Technical data

Dimensions

| | |
|-----------------|-----|
| Length of cable | 7 m |
|-----------------|-----|

General

| | |
|-----------------------------|----------|
| Rated voltage | 250 V AC |
| | 250 V DC |
| Number of positions | 4 |
| Insertion/withdrawal cycles | ≥ 100 |

Material

| | |
|--------------------------|---|
| Contact material | CuSn |
| 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 | PVC black |
|------------|-----------|

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Technical data

Cable

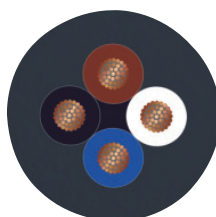
| | |
|---|---|
| Cable type (abbreviation) | PVC |
| Cable abbreviation | LiYY |
| UL AWM style | 2464 / 1729 (80°C/300 V) |
| Conductor cross section | 4x 0.34 mm ² (Signal line) |
| AWG signal line | 22 |
| Conductor structure signal line | 19x 0.15 mm |
| Core diameter including insulation | 1.26 mm ±0.05 mm |
| Thickness, insulation | ≥ 0.23 mm (Core insulation) |
| Wire colors | brown, white, blue, black |
| Overall twist | 4 wires, twisted |
| External sheath, color | black RAL 9005 |
| Outer sheath thickness | ≥ 0.76 mm |
| External cable diameter D | 4.7 mm ±0.15 mm |
| Minimum bending radius, fixed installation | 5 x D |
| Minimum bending radius, flexible installation | 10 x D |
| Cable weight | 40 kg/km |
| Outer sheath, material | PVC |
| Material conductor insulation | PVC |
| Conductor material | Bare Cu litz wires |
| Insulation resistance | ≥ 200 MΩ*km (at 20 °C) |
| Conductor resistance | ≤ 57 Ω/km (at 20 °C) |
| Nominal voltage, cable | ≤ 300 V |
| Test voltage, cable | ≥ 3000 V |
| Ambient temperature (operation) | -40 °C ... 80 °C (cable, fixed installation) |
| | -25 °C ... 80 °C (cable, flexible installation) |

Environmental Product Compliance

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

Drawings

Cable cross section



PVC black [PVC]

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