


Sensor/actuator cable - SAC-4P- 4,0-160/M12FS SO - 1557921

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Sensor/actuator cable, 4-position, PUR halogen-free, irradiated, yellow, free cable end, on Socket straight M12, A-coded, cable length: 4 m



Key Commercial Data

| | |
|------------------------|---|
| Packing unit | 5 STK |
| Minimum order quantity | 50 STK |
| GTIN |  4 046356 301688 |
| GTIN | 4046356301688 |

Technical data

Dimensions

| | |
|-----------------|-----|
| Length of cable | 4 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 |
| Coding | A - standard |
| Status display | No |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Insertion/withdrawal cycles | ≥ 100 |

Material

| | |
|--|---|
| Flammability rating according to UL 94 | HB |
| Contact material | CuSn |
| Contact surface material | Ni/Au |
| Contact carrier material | TPU GF |
| Material of grip body | TPU, hardly inflammable, self-extinguishing |

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Technical data

Material

| | |
|------------------|------------------------------|
| Material, knurls | Zinc die-cast, nickel-plated |
| Sealing material | NBR |

Standards and Regulations

| | |
|--|----|
| Flammability rating according to UL 94 | HB |
|--|----|

Cable

| | |
|---|--|
| Cable type | PUR irradiated halogen-free yellow |
| Cable type (abbreviation) | 160 |
| 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 | 1.05 mm ±0.05 mm (Signal line) |
| Wire colors | brown, white, blue, black |
| Overall twist | 4 wires, twisted |
| Length of twist, overall twist | 27 mm |
| External sheath, color | yellow |
| External cable diameter D | 5.2 mm ±0.2 mm |
| Smallest bending radius, fixed installation | min. 15 mm |
| Smallest bending radius, movable installation | min. 30 mm |
| Number of bending cycles | 5000000 |
| Bending radius | 52 mm |
| Traversing path | 10 m |
| Traversing rate | 3 m/s |
| Torsion force | 360 °/m |
| Outer sheath, material | PUR |
| Material conductor insulation | PE |
| Conductor material | Bare Cu litz wires |
| Conductor resistance | ≤ 57 Ω/km |
| Nominal voltage, cable | 320 V AC |
| Test voltage, cable | 2500 V AC (50 Hz, 5 minutes) |
| Special properties | Silicone-free |
| | Irradiated |
| Flame resistance | DIN VDE 0472 part 804, test type B |
| Halogen-free | The cable is halogen-free |
| Other resistance | hydrolysis and microbe resistant |
| Ambient temperature (operation) | -50 °C ... 105 °C (cable, fixed installation) |
| | -40 °C ... 105 °C (cable, flexible installation) |

Environmental Product Compliance

| | |
|------------|--|
| China RoHS | Environmentally Friendly Use Period = 50 |
|------------|--|

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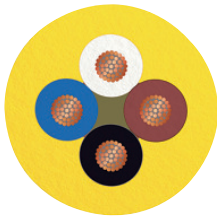
Technical data

Environmental Product Compliance

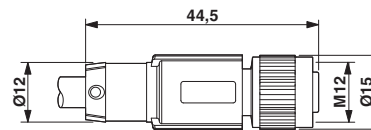
| | |
|--|---|
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |
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Drawings

Cable cross section



Dimensional drawing



PUR irradiated halogen-free yellow [160]

M12 x 1 socket, straight, shielded

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