# Cable - CABLE-KS50/KS50/1.0M/YUC/CS - 2904402

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Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 1.0 m

RoHS

## Key Commercial Data

| | |
|---|---|
| Packing unit | 1 STK |
| Custom tariff number | 85444290 |
| Country of origin | China |

## Technical data

### General

| | |
|---|---|
| Nominal voltage $U_N$ | 30 V DC |
| Max. current carrying capacity per path | 500 mA (up to 70°C ambient temperature) |
| Max. conductor resistance | 0.16 Ω/m |
| Length of cable | 1 m |
| Single wire, cross section | 0.14 mm² |
| Single wire, cross section [AWG] | 26 |
| Conductor construction: Number of litz wires: | 7 |
| Single wire, material | Cu tin-plated |
| External diameter | 11 mm |
| Shielding | yes |
| Outer sheath, material | PVC |
| External sheath, color | gray RAL 7035 |

### Environmental conditions

| | |
|---|---|
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

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## Technical data

### Environmental conditions

| | |
|---|---|
| Flame resistance | IEC 60332-3-22 |
| Resistance to oil | DIN VDE 0472 Part 803, test type B |
| Gasoline resistance | Against occasional splashes |

### Connector, module side

| | |
|---|---|
| Connection name | Field level |
| Connection method | Yokogawa, KS compatible |
| Torque | 0.5 Nm (Screw connection) |
| Number of connections | 1 |
| Number of positions | 50 |

### Connector, controller side

| | |
|---|---|
| Connection name | Controller level |
| Connection method | Yokogawa, I/O cards compatible |
| Torque | 0.5 Nm (Screw connection) |
| Number of connections | 1 |
| Number of positions | 50 |

### Supported controller

| | |
|---|---|
| Controller | YOKOGAWA CS3000 CentumVP |
| - suitable I/O card | AAR145 |

### Standards and Regulations

| | |
|---|---|
| Resistance to oil | DIN VDE 0472 Part 803, test type B |
| Flame resistance | IEC 60332-3-22 |

## Classifications

### eCl@ss

| | |
|---|---|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 6.0 | 27249205 |
| eCl@ss 7.0 | 27249205 |
| eCl@ss 8.0 | 27249205 |
| eCl@ss 9.0 | 27242220 |

### ETIM

| | |
|---|---|
| ETIM 2.0 | EC000237 |
| ETIM 3.0 | EC000237 |

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### ETIM

| | |
|---|---|
| ETIM 4.0 | EC000237 |
| ETIM 5.0 | EC000237 |

### UNSPSC

| | |
|---|---|
| UNSPSC 6.01 | 26121620 |
| UNSPSC 7.0901 | 26121620 |
| UNSPSC 11 | 26121620 |
| UNSPSC 12.01 | 26121620 |
| UNSPSC 13.2 | 26121620 |

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