

Cable - CABLE-KS50/KS50/4.0M/YUC/CS - 2904405

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 4.0 m



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 | 4 m |
| Single wire, cross section | 0.14 mm ² |
| 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 |

Cable - CABLE-KS50/KS50/4.0M/YUC/CS - 2904405

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 |

Cable - CABLE-KS50/KS50/4.0M/YUC/CS - 2904405

Classifications

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 |