

## Cable - CABLE-KS40/KS40/7.0M/YUC/CS - 2904430

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Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 7.0 m

Illustration shows the 50-pos. version

RoHS

### Key Commercial Data

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

### 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 $\Omega$ /m                        |
| Length of cable                               | 7 m                                     |
| Single wire, cross section                    | 0.14 mm <sup>2</sup>                    |
| 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 |
|---------------------------------|------------------|

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### Technical data

#### Environmental conditions

|                                         |                                    |
|-----------------------------------------|------------------------------------|
| Ambient temperature (storage/transport) | -20 °C ... 70 °C                   |
| 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   | 40                        |

#### 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   | 40                             |

#### Supported controller

|            |                          |
|------------|--------------------------|
| Controller | YOKOGAWA CS3000 CentumVP |
|------------|--------------------------|

#### 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 |