

## Cable - CABLE-KS50/KS50/7.0M/YUC/CS - 2904408

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Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 7.0 m

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 055626 062105 |
| GTIN         | 4055626062105                                                                                           |

### 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                   |
| 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 |

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### Technical data

#### Environmental conditions

|                     |                             |
|---------------------|-----------------------------|
| Gasoline resistance | against occasional splashes |
|---------------------|-----------------------------|

#### Connector 1

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

#### Connector 2

|                       |                                |
|-----------------------|--------------------------------|
| 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

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

#### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50                                                            |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

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