

## Cable - CABLE-40/2FLK16/15,0M/YUC - 2321376

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Round cable with a molded 40-pos. socket strip and two 16-pos. socket strips for connecting two 8-channel MINI analog system adapters. No. of positions: 40/ 2 x 16; The cable is suitable for the analog cards AAI141 and AAI143. Cable length: 15 m



### Key commercial data

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                   |
| GTIN                                 | <br>4 046356 327404 |
| Weight per Piece (excluding packing) | 2238.0 g                                                                                               |
| Custom tariff number                 | 85444290                                                                                               |
| Country of origin                    | Germany                                                                                                |
| Note                                 | Made to Order (non-returnable)                                                                         |

### Technical data

#### General

|                                               |                                         |
|-----------------------------------------------|-----------------------------------------|
| Nominal voltage $U_N$                         | 30 V DC                                 |
| Max. current carrying capacity per path       | 500 mA (Up to 55°C ambient temperature) |
| Max. conductor resistance                     | 0.16 $\Omega$ /m                        |
| Length of cable                               | 15 m                                    |
| Single wire, cross section                    | 0.14 mm <sup>2</sup>                    |
| AWG                                           | 26                                      |
| Conductor construction: Number of litz wires: | 7                                       |
| Single wire, material                         | Cu tin-plated                           |
| External diameter                             | 11 mm                                   |
| Shielding                                     | no                                      |

#### Environmental conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Ambient temperature (operation)         | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Flame resistance                        | IEC 60332-1      |

#### Connector, module side

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### Technical data

#### Connector, module side

|                     |                                |
|---------------------|--------------------------------|
| Number of positions | 16                             |
| Connectors          | IDC/FLK socket strip (2.54 mm) |
| Number of plugs     | 2                              |

#### Connector, controller side

|                     |                                |
|---------------------|--------------------------------|
| Number of positions | 40                             |
| Connectors          | IDC/FLK socket strip (2.54 mm) |
| Number of plugs     | 1                              |

#### Connection data

|                   |                  |
|-------------------|------------------|
| Connection method | Screw connection |
| Torque            | 0.5 Nm           |

#### Supported controller

|                     |                          |
|---------------------|--------------------------|
| Controller          | YOKOGAWA CENTUM CS3000R3 |
| - suitable I/O card | ADV151                   |
|                     | ADV161                   |
| Controller          | YOKOGAWA STARDOM         |
| - suitable I/O card | NFAI141                  |
|                     | NFAI143                  |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 27061801 |
| eCl@ss 6.0 | 27061801 |
| eCl@ss 7.0 | 27061801 |
| eCl@ss 8.0 | 27249205 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000237 |
| ETIM 3.0 | EC000237 |
| ETIM 4.0 | EC000237 |
| ETIM 5.0 | EC000237 |

#### UNSPSC

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

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### Classifications

#### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 26121620 |
|-------------|----------|

### Approvals

#### Approvals

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#### Approvals

EAC

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

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| EAC |
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### Drawings

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Connection diagram

| 40-pos.<br>connector<br>the I/O card | 16-pos.<br>connector to<br>module 1 | 16-pos.<br>connector to<br>module 2 | Wire color    |
|--------------------------------------|-------------------------------------|-------------------------------------|---------------|
| 1                                    | 2                                   |                                     | black         |
| 2                                    | 1                                   |                                     | brown         |
| 3                                    | 4                                   |                                     | red           |
| 4                                    | 3                                   |                                     | orange        |
| 5                                    | 6                                   |                                     | yellow        |
| 6                                    | 5                                   |                                     | green         |
| 7                                    | 8                                   |                                     | blue          |
| 8                                    | 7                                   |                                     | violet        |
| 9                                    | 10                                  |                                     | gray          |
| 10                                   | 9                                   |                                     | white         |
| 11                                   | 12                                  |                                     | white-black   |
| 12                                   | 11                                  |                                     | white-brown   |
| 13                                   | 14                                  |                                     | white-red     |
| 14                                   | 13                                  |                                     | white-orange  |
| 15                                   | 16                                  |                                     | white-yellow  |
| 16                                   | 15                                  |                                     | white-green   |
| 17                                   |                                     | 2                                   | white-blue    |
| 18                                   |                                     | 1                                   | white-violet  |
| 19                                   |                                     | 4                                   | white-gray    |
| 20                                   |                                     | 3                                   | brown-black   |
| 21                                   |                                     | 6                                   | brown-red     |
| 22                                   |                                     | 5                                   | brown-orange  |
| 23                                   |                                     | 8                                   | brown-yellow  |
| 24                                   |                                     | 7                                   | brown-green   |
| 25                                   |                                     | 10                                  | brown-blue    |
| 26                                   |                                     | 9                                   | brown-violet  |
| 27                                   |                                     | 12                                  | brown-gray    |
| 28                                   |                                     | 11                                  | brown-white   |
| 29                                   |                                     | 14                                  | green-black   |
| 30                                   |                                     | 13                                  | green-brown   |
| 31                                   |                                     | 16                                  | green-red     |
| 32                                   |                                     | 15                                  | green-orange  |
| 33                                   |                                     |                                     | green-blue    |
| 34                                   |                                     |                                     | green-violet  |
| 35                                   |                                     |                                     | green-gray    |
| 36                                   |                                     |                                     | green-white   |
| 37                                   |                                     |                                     | yellow-black  |
| 38                                   |                                     |                                     | yellow-brown  |
| 39                                   |                                     |                                     | yellow-red    |
| 40                                   |                                     |                                     | yellow-orange |