

## Cable - FLK-MIL50/EZ-DR/KS/2000/YCS - 2314820


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Assembled round cable with two 50-pos. socket strips (1:1 connection). The connector for module side is molded. The cable is suitable for the ADV561 and ADV161 boards.  
Cable length: 20.0 m



### Key commercial data

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                   |
| GTIN                                 | <br>4 046356 303422 |
| Weight per Piece (excluding packing) | 4167.0 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                               | 20 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                                      |
| 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 60332-1                        |
| Resistance to oil   | DIN VDE 0472 Part 803, test type B |
| Gasoline resistance | Against occasional splashes        |

#### Connector, module side

|                     |                                |
|---------------------|--------------------------------|
| Number of positions | 50                             |
| Connectors          | IDC/FLK socket strip (2.54 mm) |
| Number of plugs     | 1                              |

#### Connector, controller side

|                     |                                |
|---------------------|--------------------------------|
| Number of positions | 50                             |
| 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 | ADV161                   |
|                     | ADV561                   |
| Controller          | YOKOGAWA STARDOM         |
| - suitable I/O card | NFDV161                  |
|                     | NFDV561                  |

### 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 |

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## Classifications

### UNSPSC

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