

## Cable - FLK 40-PA/EZ-DR/KS/2500/YUC - 2314545

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Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 25.0 m

Illustration shows the product FLK 50-PA/EZ-DR/KS/ 200/YUC

### Product Features

- Molded connectors
- Can be screwed on
- Lateral cable outlet of the I/O module
- KS/AKB-compatible connectors on the module side

### Key commercial data

|                                      |            |
|--------------------------------------|------------|
| Packing unit                         | 1 pc       |
| Weight per Piece (excluding packing) | 5250.0 GRM |
| Custom tariff number                 | 85444290   |
| Country of origin                    | Germany    |

### 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                               | 25 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                                     | yes                                     |
| Outer sheath, material                        | PVC                                     |
| External sheath, color                        | Gray RAL 7035                           |

## Cable - FLK 40-PA/EZ-DR/KS/2500/YUC - 2314545

### Technical data

#### Environmental conditions

|   |                                    |
|---|------------------------------------|
| Ambient temperature (operation)         | -20 °C ... 50 °C                   |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C                   |
| 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 | 40                             |
| Connectors          | IDC/FLK socket strip (2.54 mm) |
| Number of plugs     | 1                              |

#### 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 | AAI543                   |
|                     | AAI141                   |
|                     | AAI143                   |
|                     | AAI835                   |
|                     | AAI841                   |
|                     | AAI135                   |
|                     | AAR181                   |
|                     | AAT141                   |
|                     | AAV141                   |
|                     | AAV142                   |
|                     | AAB841                   |
|                     | AAV542                   |
| Controller          | YOKOGAWA STARDOM         |
| - suitable I/O card | NFAI543                  |
|                     | NFAI141                  |
|                     | NFAI143                  |
|                     | NFAI835                  |

## Cable - FLK 40-PA/EZ-DR/KS/2500/YUC - 2314545

### Technical data

#### Supported controller

|  |         |
|--|---------|
|  | NFAI841 |
|  | NFAI135 |
|  | NFAV141 |
|  | NFAV142 |
|  | NFAB841 |
|  | NFAV542 |

### 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 | 27061801 |

#### 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 |
| UNSPSC 13.2   | 26121620 |