

## Cable - FLK 16/EZ-DR/ 800/KONFEK - 2299369

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Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 8 m



The illustration shows a 20-position version

### Product Features

- Unshielded



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 553.4 g  |
| Custom tariff number                 | 85444290 |
| Country of origin                    | Germany  |

### Technical data

#### General

|                                               |                                                     |
|-----------------------------------------------|-----------------------------------------------------|
| Nominal voltage $U_N$                         | < 50 V AC                                           |
|                                               | 60 V DC                                             |
| Max. current carrying capacity per path       | 1 A                                                 |
| Max. conductor resistance                     | 0.16 $\Omega$ /m                                    |
| Length of cable                               | 8 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                             | 6.5 mm                                              |
| Cable, preassembly                            | Insulation displacement, IEC 60352-4/DIN EN 60352-4 |
| Shielding                                     | no                                                  |

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### Technical data

#### General

|                        |               |
|------------------------|---------------|
| 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 60332-1                        |
|                                         | DIN VDE 0482 Part 332-1            |
| Resistance to oil                       | DIN VDE 0472 Part 803, test type B |
| Gasoline resistance                     | Against occasional splashes        |

#### Connector, module side

|                       |                                |
|-----------------------|--------------------------------|
| Connection method     | IDC/FLK socket strip (2.54 mm) |
| Number of connections | 1                              |
| Number of positions   | 16                             |

#### Connector, controller side

|                       |                                |
|-----------------------|--------------------------------|
| Connection method     | IDC/FLK socket strip (2.54 mm) |
| Number of connections | 1                              |
| Number of positions   | 16                             |

#### Supported controller

|                     |                       |
|---------------------|-----------------------|
| Controller          | Emerson DeltaV        |
| - suitable I/O card | VE4001S2T2B3          |
|                     | VE4001S2T2B3 Series 2 |
|                     | VE4001S2T1B3          |
|                     | VE4002S1T1B3          |
|                     | VE4002S1T2B3          |
|                     | VE4002S1T2B3 Series 2 |
|                     | VE4003S2B4            |
|                     | VE4005S2B3            |

#### Standards and Regulations

|                   |                                    |
|-------------------|------------------------------------|
| Resistance to oil | DIN VDE 0472 Part 803, test type B |
| Flame resistance  | IEC 60332-1                        |
|                   | DIN VDE 0482 Part 332-1            |

## Cable - FLK 16/EZ-DR/ 800/KONFEK - 2299369

### 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 |
| UNSPSC 13.2   | 26121620 |

### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

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Approvals submitted

#### Approval details

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| EAC |
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