

## Cable - FLK 14/EZ-DR/ 400/KONFEK - 2288972

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Round cable set, with two 14-pos. socket strips (1:1 connection), for connecting 8 channels, cable length: 4 m



### Key Commercial Data

|                                      |                                                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                  |
| GTIN                                 | <br>4 017918 057367 |
| Weight per Piece (excluding packing) | 238.4 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                               | 4 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                             | 6.4 mm                                              |
| Cable, preassembly                            | Insulation displacement, IEC 60352-4/DIN EN 60352-4 |
| Shielding                                     | no                                                  |
| Outer sheath, material                        | PVC                                                 |
| External sheath, color                        | gray RAL 7035                                       |

#### Environmental conditions

## Cable - FLK 14/EZ-DR/ 400/KONFEK - 2288972

### Technical data

#### 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 name       | Field level          |
| Connection method     | IDC/FLK socket strip |
| Number of connections | 1                    |
| Number of positions   | 14                   |
| Pitch                 | 2.54 mm              |

#### Connector, controller side

|                       |                      |
|-----------------------|----------------------|
| Connection name       | Controller level     |
| Connection method     | IDC/FLK socket strip |
| Number of connections | 1                    |
| Number of positions   | 14                   |
| Pitch                 | 2.54 mm              |

#### Supported controller

|                     |                |
|---------------------|----------------|
| Controller          | GE-FANUC 90-30 |
| - suitable I/O card | IC693 ALG220   |
|                     | IC693 ALG221   |
|                     | IC693 ALG222   |
|                     | IC693 ALG223   |
|                     | IC693 ALG390   |
|                     | IC693 ALG391   |
|                     | IC693 ALG392   |
|                     | IC693 ALG442   |
|                     | IC693 MDL241   |
|                     | IC693 MDL634   |
|                     | IC693 MDL645   |
|                     | IC693 MDL646   |
|                     | IC693 MDL732   |
|                     | IC693 MDL733   |
|                     | IC693 MDL740   |
|                     | IC693 MDL741   |

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#### Supported controller

|                     |                           |
|---------------------|---------------------------|
|                     | IC693 MDL742              |
| Controller          | SIEMENS S7-300 / ET 200 M |
| - suitable I/O card | CPU 312C                  |
|                     | CPU 313C                  |
|                     | CPU 313C-2DP              |
|                     | CPU 313C-2PtP             |
|                     | CPU 314C-2DP              |
|                     | CPU 314C-2PtP             |
|                     | 6ES7 321-1BH02-0AA0       |
|                     | 6ES7 321-1BH10-0AA0       |
|                     | 6ES7 321-1BH50-0AA0       |
|                     | 6ES7 321-1BL00-0AA0       |
|                     | 6ES7 321-7BH01-0AB0       |
|                     | 6ES7 322-1BH01-0AA0       |
|                     | 6ES7 322-1BH10-0AA0       |
|                     | 6ES7 322-1BL00-0AA0       |
|                     | 6ES7 322-8BF00-0AB0       |
|                     | 6ES7 322-8BH01-0AB0       |
|                     | 6ES7 323-1BH01-0AA0       |
|                     | 6ES7 323-1BL00-0AA0       |
|                     | 6ES7 331-7HF01-0AB0       |
|                     | 6ES7 331-7KB02-0AB0       |
|                     | 6ES7 331-7KF02-0AB0       |
|                     | 6ES7 331-7NF00-0AB0       |
|                     | 6ES7 331-7PF01-0AB0       |
|                     | 6ES7 331-7PF11-0AB0       |
|                     | 6ES7 332-5HD01-0AB0       |
|                     | 6ES7 332-5HB01-0AB0       |
|                     | 6ES7 332-7ND02-0AB0       |
|                     | 6ES7 332-8TF01-0AB0       |
|                     | 6ES7 334-0CE01-0AA0       |
|                     | 6ES7 334-0KE00-0AB0       |
|                     | 6ES7 335-7HG01-0AB0       |
|                     | 6ES7 336-4GE00-0AB0       |
|                     | 6ES7 338-4BC01-0AB0       |
|                     | 6ES7 350-1AH03-0AE0       |
|                     | 6ES7 350-2AH01-0AE0       |

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### Technical data

#### Supported controller

|                     |                             |
|---------------------|-----------------------------|
|                     | 6ES7 351-1AH01-0AE0         |
|                     | 6ES7 352-1AH02-0AE0         |
|                     | 6ES7 353-1AH01-0AE0         |
|                     | 6ES7 354-1AH01-0AE0         |
|                     | 6ES7 355-0VH10-0AE0         |
|                     | 6ES7 355-1VH10-0AE0         |
|                     | 6ES7 357-4AH01-0AE0         |
| Controller          | ALLEN-BRADLEY ControlLogix  |
| - suitable I/O card | 1756-IN16                   |
|                     | 1756-IA8D                   |
|                     | 1756-IA16                   |
|                     | 1756-IB16                   |
|                     | 1756-IC16                   |
|                     | 1756-OB16E                  |
|                     | 1756-IF6I                   |
|                     | 1756-IR6I                   |
|                     | 1756-IT6I                   |
|                     | 1756-OF4                    |
|                     | 1756-OF6CI                  |
|                     | 1756-OF8                    |
|                     | 1756-PLS                    |
| Controller          | ALLEN-BRADLEY SLC 500       |
| - suitable I/O card | 1746 OB16                   |
|                     | 1746 OV16                   |
|                     | 1746 OG16                   |
|                     | 1746 IA16                   |
|                     | 1746 IB16                   |
|                     | 1746 ITB16                  |
|                     | 1746 IN16                   |
|                     | 1746 IV16                   |
|                     | 1746 ITV16                  |
|                     | 1746 IG16                   |
| Controller          | HONEYWELL Experion PKS C200 |
| - suitable I/O card | TC-IDX 081                  |
|                     | TC-IDA 161                  |
|                     | TC-IAH 061                  |
|                     | TC-IXR 061                  |

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#### Supported controller

|                     |                                        |
|---------------------|----------------------------------------|
|                     | TC-IXL 061                             |
|                     | TC-OAH 061                             |
|                     | TC-OAV 061                             |
|                     | TC-OAV 081                             |
| Controller          | Schneider Electric MODICON TSX QUANTUM |
| - suitable I/O card | DDI 353                                |
|                     | DDI 853                                |
|                     | DAI 353                                |
|                     | DAI 453                                |
|                     | DDO 353                                |

#### Standards and Regulations

|                                  |                                    |
|----------------------------------|------------------------------------|
| Resistance to oil                | DIN VDE 0472 Part 803, test type B |
| Connection in acc. with standard | CUL                                |
| Flame resistance                 | IEC 60332-1                        |
|                                  | DIN VDE 0482 Part 332-1            |

### 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 |
| eCl@ss 9.0 | 27242220 |

#### 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 |

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#### UNSPSC

|              |          |
|--------------|----------|
| UNSPSC 11    | 26121620 |
| UNSPSC 12.01 | 26121620 |
| UNSPSC 13.2  | 26121620 |

### Approvals

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UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

#### Approval details

UL Recognized 

cUL Recognized 

EAC

EAC

cULus Recognized 