

## Cable - FLK 14/16/EZ-DR/HF/ 100/S7 - 2296922

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Assembled halogen-free round cable set, for front connectors the Siemens SIMATIC® "TOP connect" series, with one 16-pos. and one 14-pos. socket strip, for connecting 8 channels, cable length: 1 m



### Key commercial data

|                                      |  |
|--------------------------------------|--|
| Packing unit                         | 1 pc   |
| GTIN                                 | <br>4 017918 733629 |
| Weight per Piece (excluding packing) | 55.8 g   |
| Custom tariff number                 | 85444290   |
| Country of origin                    | Germany  |
| Note                                 | Made to Order (non-returnable)   |

### Technical data

#### General

|   |   |
|---|---|
| Nominal voltage $U_N$                         | < 50 V AC   |
|   | 60 V DC   |
| Max. current carrying capacity per path       | 1 A (Up to 50°C ambient temperature)                |
| Max. conductor resistance                     | 0.16 $\Omega$ /m                                    |
| Length of cable                               | 1 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                                       |
| Test voltage                                  | 500 V AC (50 Hz, 1 min.)                            |
| External diameter                             | 6.4 mm  |
| Cable, preassembly                            | Insulation displacement, IEC 60352-4/DIN EN 60352-4 |
| Shielding                                     | no  |
| Outer sheath, material                        | halogen-free (type 2)                               |
| External sheath, color                        | RAL 7032 gray                                       |

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## Technical data

### Environmental conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Flame resistance                        | IEC 60332-3      |

### Connector, module side

|                     |                                |
|---------------------|--------------------------------|
| Number of positions | 14                             |
| Connectors          | IDC/FLK socket strip (2.54 mm) |
| Number of plugs     | 1                              |

### Connector, controller side

|                     |                                |
|---------------------|--------------------------------|
| Number of positions | 16                             |
| Connectors          | IDC/FLK socket strip (2.54 mm) |
| Number of plugs     | 1                              |

### Supported controller

|            |                     |
|------------|---------------------|
| Controller | SIEMENS TOP connect |
|------------|---------------------|

## 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

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

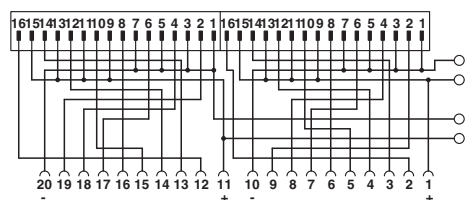
EAC

## Drawings

Connection diagram

| 14-pos.<br>Socket strip<br>PIN | 16-pos.<br>Socket strip<br>PIN | Wire color   |
|--------------------------------|--------------------------------|--------------|
| 1                              | 16                             | Black        |
| 2                              | 14                             | Brown        |
| 3                              | 12                             | Red          |
| 4                              | 10                             | Orange       |
| 5                              | 8                              | Yellow       |
| 6                              | 6                              | Green        |
| 7                              | 4                              | Blue         |
| 8                              | 2                              | Violet       |
| 9                              | 9                              | Gray         |
| 10                             | 1                              | White        |
| 11                             | 11                             | White-black  |
| 12                             | 3                              | White-brown  |
| 13                             | 13                             | White-red    |
| 14                             | 5                              | White-orange |
|                                | 7                              | -            |
|                                | 15                             | -            |

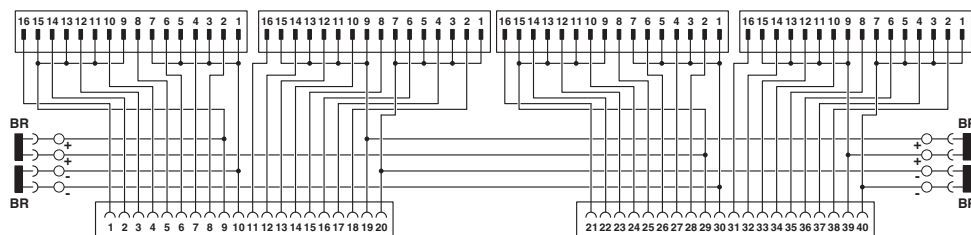
Circuit diagram



Pin assignment Siemens S7 front connector modules 6ES7 921-3...

Pin assignment and color code

Circuit diagram



Pin assignment of digital Siemens S7 front plug-in modules 6ES7 921-5AB20-0AA0 or 6ES7 921-5AH20-0AA0

