

## Round cable - VIP-CAB-FLK14/AXIO/0,14/1,5M - 2901606

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Round cable set for Axioline Realtime I/O with Single wires (8-position) (The wires are marked and fitted with ferrules.) on 1 x IDC/FLK socket strip (14-position, 90 °-Out put), Cable length: 1.5 m



### Why buy this product

- ✓ 8 pre-assembled open ends, for connection to the Axioline realtime I/O system
- ✓ 14-pos. connector, molded
- ✓ Labeling field on plug
- ✓ 1:1 connection
- ✓ Transmission of groups of 8 channels

RoHS

### Key Commercial Data

|                      |          |
|----------------------|----------|
| Packing unit         | 1 STK    |
| 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                               | 1.5 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        |

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## Technical data

### General

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| External diameter  | 6.4 mm                                              |
| Cable, preassembly | Insulation displacement, IEC 60352-4/DIN EN 60352-4 |
| Shielding          | no                                                  |

### 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 |

### Connector, module side

|                             |                      |
|-----------------------------|----------------------|
| Connection name             | Field level          |
| Connection method           | IDC/FLK socket strip |
| Conductor cross section AWG | 26                   |
| Number of connections       | 1                    |
| Number of positions         | 14                   |
| Exit angle                  | 90 °                 |
| Pitch                       | 2.54 mm              |

### Connector, controller side

|                     |                                                |
|---------------------|------------------------------------------------|
| Connection name     | Controller level                               |
| Connection method   | Single wires                                   |
| Number of positions | 8                                              |
| Note                | The wires are marked and fitted with ferrules. |

### Supported controller

|                     |                          |
|---------------------|--------------------------|
| Controller          | PHOENIX CONTACT Axioline |
| - suitable I/O card | AXL DI 16/4              |
|                     | AXL DI 32/1              |
|                     | AXL DO 16/3              |
|                     | AXL DO 32/1              |

### Standards and Regulations

|                  |                         |
|------------------|-------------------------|
| Flame resistance | IEC 60332-1             |
|                  | DIN VDE 0482 Part 332-1 |

### Color code

|                                                   |                        |
|---------------------------------------------------|------------------------|
| Connector 1 = connector 2 (optional) = wire color | IDC/FLK14 (1) = black  |
|                                                   | IDC/FLK14 (2) = brown  |
|                                                   | IDC/FLK14 (3) = red    |
|                                                   | IDC/FLK14 (4) = orange |

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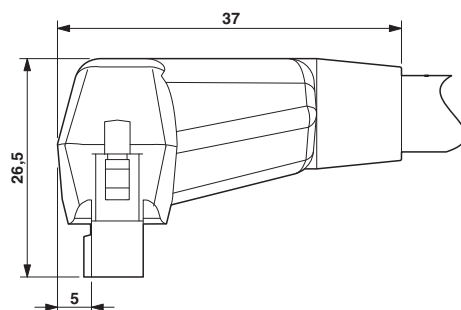
### Technical data

#### Color code

|  |                        |
|--|------------------------|
|  | IDC/FLK14 (5) = yellow |
|  | IDC/FLK14 (6) = green  |
|  | IDC/FLK14 (7) = blue   |
|  | IDC/FLK14 (8) = violet |

### Drawings

Dimensional drawing



### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 6.0 | 27249205 |
| eCl@ss 7.0 | 27249205 |
| 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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### Classifications

#### UNSPSC

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

### Approvals

#### Approvals

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EAC / EAC / UL Listed / cUL Listed / cULus Listed

#### Ex Approvals

#### Approval details

EAC RU C-DE.A\*30.B00767

EAC EAC-Zulassung

UL Listed  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 238705

cUL Listed  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 238705

cULus Listed 

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