

VIP-CAB-FLK14/8PIN/OE/1,00M - Cable



2907737

<https://www.phoenixcontact.com/us/products/2907737>

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Round cable set; connection 1: Single wires (14-position) (The wires are marked and fitted with ferrules); connection 2: IDC/FLK socket strip (1x 14-position, 90 °-out put); cable length: 1 m

Your advantages

- Connector in accordance with IEC 60603-13
- 1:1 connection
- Open end at one end

Commercial data

| | |
|------------------------|---------------|
| Item number | 2907737 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | DK2AZZ |
| GTIN | 4055626231662 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|--------------|--------------|
| Product type | System cable |
|--------------|--------------|

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

Electrical properties

| | |
|------------------------|-----------|
| Operating voltage (AC) | ≤ 50 V AC |
| Operating voltage (DC) | ≤ 60 V DC |
| Current (Per path) | ≤ 1 A |

Cable/line

| | |
|--------------|-----|
| Cable length | 1 m |
|--------------|-----|

10X0.14 [PVC]

| | |
|---|--|
| UL AWM Style | 2464/1061 |
| Number of positions | 10 |
| Shielded | no |
| Cable type | 10X0.14 [PVC] |
| Conductor type | Round cable set |
| Conductor structure signal line | 7x 0.16 mm |
| AWG signal line | 26 |
| Conductor cross-section | 10x 0.14 mm ² |
| Wire diameter incl. insulation | 1 mm ±0.03 mm |
| External cable diameter | 6.10 mm ±0.4 mm |
| Outer sheath, material | Semi-rigid PVC |
| External sheath, color | gray |
| Conductor material | Tin-plated Cu litz wires |
| Cable resistance | ≤ 145 Ω/km (20 °C) |
| Insulation resistance | ≥ 20 MΩ*km (20 °C) |
| Smallest bending radius, fixed installation | 52 mm |
| Smallest bending radius, movable installation | 98 mm |
| Dynamic load capacity (bending) | Max. bending cycles: 5000 |
| Halogen-free | no |
| Flame resistance | IEC 60332-1-2 (raw cable) VDE 0842, Part 332-1-2 (raw cable) IEC 60332-3-22 (raw cable) UL VW-1 CSA FT-1 |

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| | |
|-------------------|---|
| Resistance to oil | can withstand occasional splashes (raw cable) |
|-------------------|---|

Connection data

Field level

| | |
|-----------------------|----------------------|
| Connection method | IDC/FLK socket strip |
| Number of connections | 1 |
| Number of positions | 14 |
| Exit angle | 90 ° |

Controller level

| | |
|---------------------|---|
| Connection method | Single wires |
| Number of positions | 14 |
| Note | The wires are marked and fitted with ferrules |

Notes

| | |
|--------------------|--|
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met. |
|--------------------|--|

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Environmental product compliance

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com