

Front adapters - CABLE-50/4FLK14/50,0M/YUC - 2314765

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Cast Yokogawa front adapter with attached round cable and an injection-molded 50-pos. socket strip for the connection of 4 x 8 channels on the field side. Cable length: 50.0 m

Your advantages

- Four 14-pos. connectors on the module side for connecting four 8-channel VARIOFACE modules of the system cabling
- Lateral cable outlet of the I/O module



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4046356169974 |

Technical data

Ambient conditions

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

General

| | |
|------------------------------------|---------------------------|
| Max. permissible operating voltage | 30 V DC |
| Max. permissible current | 500 mA (per path at 70°C) |

Standards and Regulations

| | |
|---------------------|------------------------------------|
| Flame resistance | IEC 60332-3-22 |
| Resistance to oil | DIN VDE 0472 Part 803, test type B |
| Gasoline resistance | against occasional splashes |

Connection data

| | |
|-----------------------|--------------------------------|
| Connection name | Control side |
| Connection method | Yokogawa, I/O cards compatible |
| Number of connections | 1 |

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Technical data

Connection data

| | |
|---------------------|---------------------------|
| Number of positions | 50 |
| Torque | 0.5 Nm (Screw connection) |

Connection data 2

| | |
|-----------------------|----------------------|
| Connection name | Module side |
| Connection method | IDC/FLK socket strip |
| Number of connections | 4 |
| Number of positions | 14 |
| Pitch | 2.54 mm |

Cable

| | |
|---|-------------------------------|
| Structural data | in acc. to UL style 2464/1061 |
| Conductor construction: Number of litz wires: | 7 |
| Single wire, material | Cu tin-plated |
| Single wire, cross section | 0.14 mm ² |
| External diameter | 11 mm |
| Length of cable | 50 m |
| Outer sheath, material | PVC |
| External sheath, color | gray RAL 7035 |
| Shielding | yes |
| Halogen-free cable | No |
| Max. conductor resistance | 0.16 Ω/m |
| Cable insulation resistance | approx. 153 MΩ/km |
| Cable impedance | approx. 120 Ω |
| Cable resistance | approx. 155 Ω/km |
| Cable capacity | approx. 130 pF/m |
| Insulation | Semi-rigid PVC |

Supported controller

| | |
|---------------------|--------------------------|
| Controller | YOKOGAWA CS3000 CentumVP |
| - suitable I/O card | ADV151 |
| | ADV551 |
| Controller | YOKOGAWA STARDOM |
| - suitable I/O card | NFDV151 |
| | NFDV551 |

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

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Connection diagram

| 50-pos. connector to the I/O card | | 4 x 14-pos. connector to the module | Wire color |
|---|--------|---|---------------|
| 1 | Byte 0 | 1 | black |
| 3 | | 2 | brown |
| 5 | | 3 | red |
| 7 | | 4 | orange |
| 9 | | 5 | yellow |
| 11 | | 6 | green |
| 13 | | 7 | blue |
| 15 | | 8 | Violet |
| 41 | | 9 | gray |
| 39 | | 10 | White |
| 17 | Byte 1 | 1 | white-black |
| 19 | | 2 | white-brown |
| 21 | | 3 | white-red |
| 23 | | 4 | white-orange |
| 25 | | 5 | White-yellow |
| 27 | | 6 | white-green |
| 29 | | 7 | white-blue |
| 31 | | 8 | white-violet |
| 43 | | 9 | white-gray |
| 37 | | 10 | brown-black |
| 2 | Byte 2 | 1 | brown-red |
| 4 | | 2 | brown-orange |
| 6 | | 3 | brown-yellow |
| 8 | | 4 | brown-green |
| 10 | | 5 | brown-blue |
| 12 | | 6 | brown-violet |
| 14 | | 7 | brown-gray |
| 16 | | 8 | brown-white |
| 42 | | 9 | green-black |
| 36 | | 10 | green-brown |
| 18 | Byte 3 | 1 | green-red |
| 20 | | 2 | green-orange |
| 22 | | 3 | green-blue |
| 24 | | 4 | green-violet |
| 26 | | 5 | green-gray |
| 28 | | 6 | green-white |
| 30 | | 7 | yellow-black |
| 32 | | 8 | yellow-brown |
| 44 | | 9 | yellow-red |
| 34 | | 10 | yellow-orange |

Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27242292 |
| eCl@ss 4.0 | 27060300 |
| eCl@ss 4.1 | 27060300 |
| eCl@ss 5.0 | 27061800 |
| eCl@ss 5.1 | 27061800 |
| eCl@ss 6.0 | 27249200 |
| eCl@ss 7.0 | 27249290 |
| eCl@ss 8.0 | 27249290 |
| eCl@ss 9.0 | 27242292 |

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC002584 |
| ETIM 5.0 | EC002584 |
| ETIM 6.0 | EC002584 |
| ETIM 7.0 | EC002584 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 26121620 |
| UNSPSC 7.0901 | 26121620 |
| UNSPSC 11 | 26121620 |
| UNSPSC 12.01 | 26121620 |
| UNSPSC 13.2 | 32151601 |
| UNSPSC 18.0 | 32151601 |
| UNSPSC 19.0 | 32151601 |
| UNSPSC 20.0 | 32151601 |
| UNSPSC 21.0 | 32151601 |

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

| | | | |
|--------------------|-------|---|---------------|
| UL Listed | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |
| Nominal voltage UN | 125 V | | |
| Nominal current IN | 0.5 A | | |

| | | | |
|--------------------|-------|---|---------------|
| cUL Listed | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |
| Nominal voltage UN | 125 V | | |
| Nominal current IN | 0.5 A | | |

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Approvals



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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

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