

CABLE-50/FLK50/25,0M/YUC - Front adapter



2321839

<https://www.phoenixcontact.com/us/products/2321839>

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Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2321839 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | DK222N |
| GTIN | 4046356341493 |
| Weight per piece (including packing) | 4,902 g |
| Weight per piece (excluding packing) | 4,696.4 g |
| Country of origin | DE |

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Technical data

Product properties

| | |
|--------------|---------------|
| Product type | Front adapter |
|--------------|---------------|

Electrical properties

| | |
|--------------------------|-----------|
| Operating voltage (DC) | ≤ 30 V DC |
| Current (Per path, 70°C) | ≤ 500 mA |

Connection data

Control side

| | |
|-----------------------|--------------------------------|
| Connection method | Yokogawa, I/O cards compatible |
| Number of connections | 1 |
| Number of positions | 50 |
| Tightening torque | 0.5 Nm (Screw connection) |

Module side

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

Dimensions

Cable

| | |
|--------|------|
| Length | 25 m |
|--------|------|

Cable/line

50X0.14 [PVC]

| | |
|---------------------------------|--------------------------------|
| UL AWM Style | 2464/1061 |
| Number of positions | 50 |
| Shielded | yes |
| Cable type | 50X0.14 [PVC] |
| Conductor type | Assembled shielded round cable |
| Conductor structure signal line | 7x 0.16 mm |
| AWG signal line | 26 |
| Conductor cross-section | 50x 0.14 mm ² |
| Wire diameter incl. insulation | 1 mm ±0.03 mm |
| External cable diameter | 11.00 mm ±0.3 mm |
| Outer sheath, material | Semi-rigid PVC |
| External sheath, color | gray |
| Conductor material | Tin-plated Cu litz wires |
| Cable resistance | ≤ 145 Ω/km (at 20 °C) |
| Insulation resistance | ≥ 20 MΩ*km (20 °C) |

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| | |
|---|--|
| Smallest bending radius, fixed installation | 114 mm |
| Smallest bending radius, movable installation | 205 mm |
| Dynamic load capacity (bending) | Max. bending cycles: 5000 (at a radius of $\geq 18x$ outside diameter) |
| 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 |
| Resistance to oil | can withstand occasional splashes (raw cable) |

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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Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 32151600 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

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