

# 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
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### 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
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### 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 <sup>2</sup>
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

### ETIM

ETIM 8.0	EC002584
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### UNSPSC

UNSPSC 21.0	32151600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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