

Front adapters - CABLE-40/2FLK16/15,0M/YUC



2321376

<https://www.phoenixcontact.com/de/produkte/2321376>

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Cast Yokogawa front adapter with attached round cable and an injection-molded 40-pos. socket strip for the connection of 2 x 8 channels on the field side. Cable length: 15.0 m

Commercial Data

Item number	2321376
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	I1 - Systemverkabelung
Product Key	CK2154
Catalog Page	Page 515 (C-5-2019)
GTIN	4046356327404
Weight per Piece (including packing)	2,352 kg
Weight per Piece (excluding packing)	2,238 kg
Customs tariff number	85444290
Country of origin	DE

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Technical Data

Product properties

Product type	Front adapter
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Electrical properties

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

Supported controller YOKOGAWA CS3000 CentumVP

Suitable I/O card	ADV151
	ADV161

Supported controller YOKOGAWA STARDOM

Suitable I/O card	NFAI141
	NFAI143

Connection data

Module side

Connection method	IDC/FLK socket strip
Number of connections	2
Number of positions	16
Pitch	2.54 mm

Control side

Connection method	Yokogawa, I/O cards compatible
Number of connections	1
Number of positions	40
Tightening torque	0.5 Nm (Screw connection)

Dimensions

Length	15 m
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Cable / line

Cable length	15 m
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40X0.14 [PVC]

UL AWM Style	2464/1061
Number of positions	40
Shielded	yes
Cable type	40X0.14 [PVC]
Conductor type	Assembled shielded round cable
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross section	40x 0.14 mm ²

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Wire diameter incl. insulation	1 mm ±0.03 mm
External cable diameter	9.8 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)
Smallest bending radius, fixed installation	101 mm
Smallest bending radius, movable installation	182 mm
Max. bending cycles	5000 (at a radius of ≥ 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)

Environmental and real-life conditions

Ambient conditions

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

Approval data

UKCA

Certificate	UKCA-compliant
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Drawings

Connection diagram

40-pos. connector the I/O card	16-pos. connector to module 1	16-pos. connector to module 2	Wire color
1	2		black
2	1		brown
3	4		red
4	3		orange
5	6		yellow
6	5		green
7	8		blue
8	7		violet
9	10		gray
10	9		white
11	12		white-black
12	11		white-brown
13	14		white-red
14	13		white-orange
15	16		white-yellow
16	15		white-green
17		2	white-blue
18		1	white-violet
19		4	white-gray
20		3	brown-black
21		6	brown-red
22		5	brown-orange
23		8	brown-yellow
24		7	brown-green
25		10	brown-blue
26		9	brown-violet
27		12	brown-gray
28		11	brown-white
29		14	green-black
30		13	green-brown
31		16	green-red
32		15	green-orange
33			green-blue
34			green-violet
35			green-gray
36			green-white
37			yellow-black
38			yellow-brown
39			yellow-red
40			yellow-orange

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Approvals



EAC

Approval ID: RU*-DE.HB*35.B00385



UL Listed

Approval ID: FILE E 238705

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	125 V	0.5 A	-	-



cUL Listed

Approval ID: FILE E 238705

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	125 V	0.5 A	-	-

cULus Listed

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Classifications

ECLASS

ECLASS-10.0.1	27242292
ECLASS-9.0	27242292
ECLASS-11.0	27242292

ETIM

ETIM 8.0	EC002584
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UNSPSC

UNSPSC 21.0	32151600
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

Cable marker carrier

Cable marker carrier - KME - 0807083

<https://www.phoenixcontact.com/de/produkte/0807083>



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable ties, cable diameter: > 5 mm, lettering field size: 20 mm x 8 mm

System adapter

System adapter - MINI MCR-2-V8-FLK 16 - 2901993

<https://www.phoenixcontact.com/de/produkte/2901993>



Eight MINI Analog Pro signal conditioners and measuring transducers can be connected to a controller with minimal cabling effort and without any errors using system adapters and system cabling.

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