

Front adapters - CABLE-50/4FLK14/ 4,0M/YUC - 2314671

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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: 4.0 m

Product Features

- 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
Weight per Piece (excluding packing)	836.2 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Ambient conditions

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

General

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

Connection data 1

Connection name	Control side
Connection method	Yokogawa, I/O cards compatible
Torque	0.5 Nm (Screw connection)
Number of connections	1
Number of positions	50

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Technical data

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
Individual wires per module	7
Single wire, material	Cu tin-plated
Single wire, cross section	0.14 mm ²
External diameter	11 mm
Length of cable	4 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
Flame resistance	IEC 60332-3-22
Resistance to oil	DIN VDE 0472 Part 803, test type B
Gasoline resistance	Against occasional splashes

Supported controller

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

Standards and Regulations

Resistance to oil	DIN VDE 0472 Part 803, test type B
Flame resistance	IEC 60332-3-22

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Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27249205
eCl@ss 9.0	27242220

ETIM

ETIM 2.0	EC000237
ETIM 3.0	EC000237
ETIM 4.0	EC000237
ETIM 5.0	EC000237

UNSPSC

UNSPSC 6.01	26121620
UNSPSC 7.0901	26121620
UNSPSC 11	26121620
UNSPSC 12.01	26121620
UNSPSC 13.2	26121620

Approvals

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EAC / EAC

Ex Approvals

Approvals submitted

Approval details

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Approvals

EAC

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Drawings

Connection diagram

50-pos. connector to the I/O card	4 x 14-pos. connector to the module	Wire color
50	Byte 0	1 black
49		3 brown
48		5 red
47		7 orange
46		9 yellow
45		11 green
44		13 blue
43		15 violet
42		44 gray
41		39 white
40	Byte 1	17 white-black
39		19 white-brown
38		21 white-red
37		23 white-orange
36		25 white-yellow
35		27 white-green
34		29 white-blue
33		31 white-violet
32		43 white-gray
31		37 brown-black
30	Byte 2	2 brown-red
29		4 brown-orange
28		6 brown-yellow
27		8 brown-green
26		10 brown-blue
25		12 brown-violet
24		14 brown-gray
23		16 brown-white
22		42 green-black
21		36 green-brown
20	Byte 3	18 green-red
19		20 green-orange
18		22 green-blue
17		24 green-violet
16		26 green-gray
15		28 green-white
14		30 yellow-black
13		32 yellow-brown
12		41 yellow-red
11		34 yellow-orange