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Front adapters - CABLE-50/4FLK14/ 3,0M/YUC - 2314668

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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: 3.0 m

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 147309

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

Connection data 2

Connection name	Module side
Connection method	IDC/FLK socket strip (2.54 mm)
Number of connections	4
Number of positions	14

Cable

Structural data	in acc. to UL style 2464/1061
Individual wires per module	7
Single wire, material	Cu tin-plated

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Technical data

Cable

Single wire, cross section	0.14 mm ²
External diameter	11 mm
Length of cable	3 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

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

ETIM

ETIM 2.0	EC000237
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Classifications

ETIM

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

Approvals

Approvals

EAC / EAC

Ex Approvals

Approvals submitted

Approval details

EAC

EAC

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
50	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	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	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	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

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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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Product	Code	Reference	Product link
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