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Especialistas en Automatización

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## Front adapters - FLK 50-PA/EZ-DR/KS/ 600/YUC - 2314927

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Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 6.0 m

Illustration shows the product FLK 50-PA/EZ-DR/KS/ 200/YUC

### Why buy this product

- Molded connectors
- KS/AKB-compatible connectors on the module side
- Can be screwed on
- Lateral cable outlet of the I/O module

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 176019

### Technical data

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °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	Yokogawa, KS compatible

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## Technical data

### Connection data 2

Torque	0.5 Nm (Screw connection)
Number of connections	1
Number of positions	50

### 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 <sup>2</sup>
External diameter	11 mm
Length of cable	6 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

### 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

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## Classifications

### eCl@ss

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
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

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Approvals

EAC

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Ex Approvals

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Approvals submitted

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### Approval details

EAC
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## Drawings

# Front adapters - FLK 50-PA/EZ-DR/KS/ 600/YUC - 2314927

## Connection diagram

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

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Product	Code	Reference	Product link
Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 6.0 m	2314927	FLK 50-PA/EZ-DR/KS/ 600/YUC	<a href="#">Buy on EAN</a>