Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 100/YUC - 2904739

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Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 1.0 m

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

RoHS

Key Commercial Data

Packing unit	1 STK
Custom tariff number	85444290
Country of origin	Germany

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)
Designation	Halogen-free sheath
Standards/regulations	IEC 60754-1
Designation	No development of corrosive fumes
Standards/regulations	IEC 60267-2

Connection data 1

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 100/YUC - 2904739

Technical data

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	Field level
Connection method	Yokogawa, KS compatible
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 mm²
External diameter	11 mm
Length of cable	1 m
Outer sheath, material	PVC
External sheath, color	gray RAL 7035
Shielding	yes
Halogen-free cable	Yes
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

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 100/YUC - 2904739

Technical data

Supported controller

- 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
Designation	Halogen-free sheath
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Drawings

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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

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27141152
eCl@ss 8.0	27249290

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 100/YUC - 2904739

Classifications

eCl@ss

eCl@ss 9.0	27242292

ETIM

ETIM 4.0	EC000237
ETIM 5.0	EC002584

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

EAC RU C-DE.A*30.B00767

UL Listed http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 238705

cUL Listed http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 238705

cULus Listed

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