

Front adapters - FLK 40-PA/EZ-DR/HF/KS/1500/YUC - 2904647

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Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 15.0 m

Your advantages

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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 868280
GTIN	4046356868280
Weight per Piece (excluding packing)	2,348.000 g
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

Max. permissible operating voltage	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

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Technical data

Connection data 1

Torque	0.5 Nm (Screw connection)
Number of connections	1
Number of positions	40

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	40

Cable

Conductor construction: Number of litz wires:	7
Single wire, material	Cu tin-plated
Single wire, cross section	0.14 mm ²
External diameter	9.8 mm
Shielding	Tinned copper-braided shield, approx. 85% covering
Length of cable	15 m
External sheath, color	gray RAL 7035
Shielding	yes
Halogen-free cable	Yes
Cable insulation resistance	≥ 20 MΩ/km
Cable resistance	≤ 145 Ω/km

Supported controller

Controller	YOKOGAWA CS3000 CentumVP
- suitable I/O card	AAI543
	AAI141
	AAI143
	AAI835
	AAI841
	AAI135
	AAR181
	AAT141
	AAV141
	AAV142
	AAB841
	AAV542
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFAI543
	NFAI141
	NFAI143

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Technical data

Supported controller

	NFAI835
	NFAI841
	NFAI135
	NFAV141
	NFAV142
	NFAB841
	NFAV542

Standards and Regulations

Flame resistance	IEC 60332-3-22
	IEC 60332-1-2
	VDE 0842, Part 332-1-2
Resistance to oil	against occasional splashes
Gasoline resistance	against occasional splashes
Designation	Halogen-free sheath
Standards/regulations	IEC 60754-1
Designation	No development of corrosive fumes
Standards/regulations	IEC 60267-2

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

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Connection diagram

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

Classifications

eCI@ss

eCI@ss 5.0	27249290
eCI@ss 5.1	27260700
eCI@ss 6.0	27249200
eCI@ss 7.0	27249290
eCI@ss 8.0	27249290
eCI@ss 9.0	27242292

ETIM

ETIM 4.0	EC002584
ETIM 5.0	EC002584
ETIM 6.0	EC002584

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409

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Classifications

UNSPSC

UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	32151601

Approvals


Approvals


Approvals


UL Listed / cUL Listed / EAC / cULus Listed


Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN	125 V		
Nominal current IN	0.5 A		

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN	125 V		
Nominal current IN	0.5 A		

EAC		RU C- DE.A*30.B00767	
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cULus Listed	
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Accessories

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Marker carrier cable

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Accessories

Cable marker carrier - KME - 0807083



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

Spare parts

Screw set - VF-SCREW-YOKOGAWA/M3X18/DCS - 2902873



Replacement screw M3x18 for Yokogawa system cable, front adapter control side.

Screw set - VF-SCREW-YOKOGAWA/M4X25/KS - 2902874



Replacement screw M4x25 for Yokogawa system cable, module side.