

Cable - FLK 40-PA/EZ-DR/KS/4500/YUC - 2902912

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Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 45.0 m

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

Why buy this product

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



Key commercial data

Packing unit	1
GTIN	
Custom tariff number	85444290

Technical data

General

Nominal voltage U_N	30 V DC
Max. current carrying capacity per path	500 mA (Up to 55°C ambient temperature)
Max. conductor resistance	0.16 Ω /m
Length of cable	45 m
Single wire, cross section	0.14 mm ²
AWG	26
Conductor construction: Number of litz wires:	7
Single wire, material	Cu tin-plated
External diameter	11 mm
Shielding	yes
Outer sheath, material	PVC
External sheath, color	Gray RAL 7035

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Environmental conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Flame resistance	IEC 60332-1
Resistance to oil	DIN VDE 0472 Part 803, test type B
Gasoline resistance	Against occasional splashes

Connector, module side

Number of positions	40
Connectors	IDC/FLK socket strip (2.54 mm)
Number of plugs	1

Connector, controller side

Number of positions	40
Connectors	IDC/FLK socket strip (2.54 mm)
Number of plugs	1

Connection data

Connection method	Screw connection
Torque	0.5 Nm

Supported controller

Controller	YOKOGAWA CENTUM CS3000R3
- 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
	NFAI835
	NFAI841
	NFAI135
	NFAV141
	NFAV142

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Technical data

Supported controller

	NFAB841
	NFAV542

Classifications

eCl@ss

eCl@ss 4.0	27250315
eCl@ss 4.1	27250315
eCl@ss 5.0	27249290
eCl@ss 5.1	27249290
eCl@ss 6.0	27249290
eCl@ss 7.0	27249290
eCl@ss 8.0	27249205

ETIM

ETIM 3.0	EC000830
ETIM 4.0	EC002698
ETIM 5.0	EC000237

UNSPSC

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

Accessories

Spare parts

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



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

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Accessories

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



Replacement screw M4x25 for Yokogawa system cable, module side.

Drawings

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