



Automatización Eléctrica
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 800/YUC - 2904745

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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: 8.0 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

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 882873

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

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

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 800/YUC - 2904745

Technical data

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 mm ²
External diameter	11 mm
Length of cable	8 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
- 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
Standards/regulations	IEC 60754-1
Designation	No development of corrosive fumes
Standards/regulations	IEC 60267-2

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 800/YUC - 2904745

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	27249205

ETIM

ETIM 4.0	EC000237
ETIM 5.0	EC000237

UNSPSC

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

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC

Drawings

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 800/YUC - 2904745

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

Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
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: 8.0 m	2904745	FLK 50-PA/EZ-DR/HF/KS/ 800/YUC	Buy on EAN