

https://www.phoenixcontact.com/pc/products/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

Your advantages

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

Commercial data

Item number	2904739
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	CK222N
Catalog page	Page 514 (C-5-2019)
GTIN	4046356882897
Weight per piece (including packing)	312.5 g
Weight per piece (excluding packing)	312.5 g
Customs tariff number	85444290
Country of origin	DE

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Technical data

Product properties

Product type	Front adapter
Data management status	
Article revision	05
lectrical properties	
Operating voltage (DC)	≤ 30 V DC
Nominal operating mode	100% operating factor
Current (Per path)	≤ 500 mA (uncoiled)
Supported controller YOKOGAWA CS3000 CentumVP	
Suitable I/O card	ADV151
	ADV551
Supported controller YOKOGAWA STARDOM	
Suitable I/O card	NFDV151
	NFDV551
Supported controller YOKOGAWA ProSafe-RS	
Suitable I/O card	SDV541
	SDV144
	SDV521

Connection data

Connection 1	
Connection in acc. with standard	based on IEC 60603-13
Connection method	Yokogawa, I/O cards compatible
Number of connections	1
Number of positions	50
Tightening torque	0.5 Nm (Screw connection)
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm
Connection 2	
Connection in acc. with standard	based on IEC 60603-13
Connection method	Yokogawa, KS compatible
Number of connections	1
Number of positions	50
Tightening torque	0.5 Nm (Screw connection)
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

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Dimensions

ble	
Length	1 m
le/line	
<i>e/IIIe</i>	
Number of positions	50
Shielded	yes
Conductor type	Assembled, shielded, halogen-free round cable
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross section	50x 0.14 mm ²
Wire diameter incl. insulation	1 mm ±0.03 mm
External cable diameter	11.00 mm ±0.4 mm
External sheath, color	gray
Conductor material	Tin-plated Cu litz wires
Smallest bending radius, fixed installation	114 mm
Smallest bending radius, movable installation	205 mm
Halogen-free	yes
Flame resistance	IEC 60332-1-2 (raw cable)
	VDE 0842, Part 332-1-2 (raw cable)
	IEC 60332-3-22 (raw cable)
Resistance to oil	can withstand occasional splashes (raw cable)

Environmental and real-life conditions

Ambient conditions		
Degree of protection	IP20	
Degree of protection (Installation location)	≥ IP54 (Installation location)	
Ambient temperature (operation)	-40 °C 70 °C (fixed installation)	
	-10 °C 70 °C (flexible installation)	
Ambient temperature (storage/transport)	-40 °C 80 °C	
Altitude	≤ 2000 m	

Approvals

UKCA			
Certificate	UKCA-compliant		
Mounting			
Mounting position	any		
Notes			
Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third- party products, the specifications, and the safety and warning		

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instructions of the respective third-party manufacturer must also be met.

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Drawings

Connection diagram

50-pos. connector to the I/O card50-pos. connector to the moduleWire color150black249brown348red447orange546yellow645green744blue843violet942gray1041white-black1140white-black1239white-red1338white-red1437white-orange1536white-yellow1635white-yellow1833white-violet1932white-gray2031brown-black2130brown-red2229brown-orange2328brown-vellow2427brown-gray2526brown-vlolet2724brown-white2922green-brown3120green-brown3318green-blue3417green-blue3516green-gray3615green-white3714yellow-black3813yellow-blue447yellow-blue456gray-brown3714gellow-blue483gray-red492gray-plow501gray-red <th></th> <th></th> <th>0 -</th>			0 -
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Approvals

🌣 To download certificates, visit the product detail page: https://www.phoenixcontact.com/pc/products/2904739

EAC	EAC Approval ID: RU*-DE.HB*3	35.B00385			
	UL Listed Approval ID: E238705				
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		125 V	0.5 A	-	-
•	cUL Listed Approval ID: E238705				
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		125 V	0.5 A	-	-

cULus Listed

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Classifications

ECLASS

ECLASS-11.0	27242292
ECLASS-12.0	27242292
ECLASS-13.0	27242292

ETIM

	ETIM 9.0	EC002584		
UN	UNSPSC			
	UNSPSC 21.0	32151600		

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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