

2904988

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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 ProSafe controllers. Cable length: 4.0 m

Commercial data

Item number	2904988
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK222N
GTIN	4046356906357
Weight per piece (including packing)	855.33 g
Weight per piece (excluding packing)	855.3 g
Country of origin	DE



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Technical data

Product properties

Product type	Front adapter		
Electrical properties			
Operating voltage (DC)	≤ 30 V DC		
Nominal operating mode	100% operating factor		
Current (Per path)	≤ 500 mA (uncoiled)		
Supported controller YOKOGAWA ProSafe-RS			
Suitable I/O card	SDV531		
	SDV531L		

Connection data

Connection 1

Connection in acc. with standard 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 Pitch Pitch IEC 60603-13 (in compliance) Yokogawa, I/O cards compatible 0.5 Nm (Screw connection) 2.54 mm	Connection	
Number of connections1Number of positions50Tightening torque0.5 Nm (Screw connection)Insertion/withdrawal cycles> 50	Connection in acc. with standard	IEC 60603-13 (in compliance)
Number of positions50Tightening torque0.5 Nm (Screw connection)Insertion/withdrawal cycles> 50	Connection method	Yokogawa, I/O cards compatible
Tightening torque 0.5 Nm (Screw connection) Insertion/withdrawal cycles > 50	Number of connections	1
Insertion/withdrawal cycles > 50	Number of positions	50
	Tightening torque	0.5 Nm (Screw connection)
Pitch 2.54 mm	Insertion/withdrawal cycles	> 50
	Pitch	2.54 mm

Connection 2

Connection in acc. with standard	IEC 60603-13 (in compliance)
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

Dimensions

Cable

Length	4 m
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Cable/line

UL AWM Style	21946
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



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Conductor cross section	50x 0.14 mm²
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) (fixed installation)	-40 °C 70 °C (fixed installation)
Ambient temperature (operation) (flexible installation)	-10 °C 70 °C (flexible installation)
Ambient temperature (storage/transport)	-40 °C 80 °C
Altitude	≤ 2000 m

Approvals

UKCA

Certificate UKCA	A-compliant
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Mounting

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

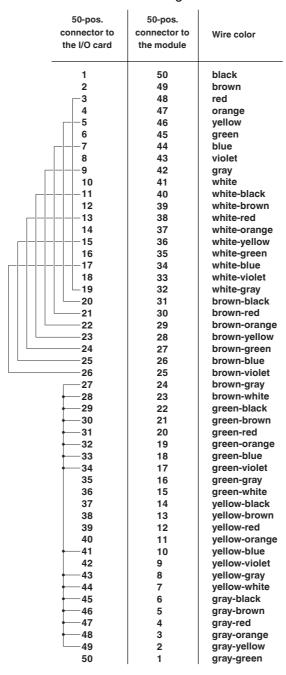


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Drawings

Connection diagram





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Classifications

ECLASS		
	ECLASS-13.0	27242292
ETIM		
	ETIM 9.0	EC002584

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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