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Round cable set; controller: Axioline Realtime I/O; connection 1: Single wires (8-position) (The wires are marked and fitted with ferrules); connection 2: IDC/FLK socket strip (1x 14-position); cable length: 1 m

Your advantages

- 8 preassembled open ends, for connection to the Axioline real-time I/O system
- 1:1 connection
- Transmission of groups of 8 channels

Commercial data

Item number	1369897
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C421
Product key	CK2145
GTIN	4063151725778
Weight per piece (including packing)	55.6 g
Weight per piece (excluding packing)	55.6 g
Customs tariff number	85444290
Country of origin	DE



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Technical data

Product properties		
Product type	System cable	
Environmental and real-life conditions		
Ambient conditions		
Degree of protection	IP00	
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	
Electrical properties		
Operating voltage (AC)	≤ 30 V AC	
Operating voltage (DC)	≤ 60 V DC	
Nominal operating mode	100% operating factor	
Current (Per path, 50°C)	≤ 1 A (Uncoiled, see derating)	
Current (Per path, 70°C)	≤ 0.6 A (Uncoiled, see derating)	
Supported controller PHOENIX CONTACT Axioline		
Suitable I/O card	AXL F DI16	
	AXL F DI32	
	AXL F DI64	
	AXL F DO16	
	AXL F DO32	
	AXL F DO64	
	AXL F DI16/DO16	
	AXL F DI16/DO8	
	AXL SE DI16	
	AXL SE DO16	
Cable/line		
Cable length	1 m	
10X0.14 [PVC]		
UL AWM Style	2464/1061	
Number of positions	10	
Shielded	no	
Cable type	10X0.14 [PVC]	
Conductor type	Round cable set	
Conductor structure signal line	7x 0.16 mm	
AWG signal line	26	

CABLE-FLK14/AXIO/OE/0,14/1,0M - Cable



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Conductor cross section	10x 0.14 mm ²
Wire diameter incl. insulation	1 mm ±0.03 mm
External cable diameter	6.1 mm ±0.4 mm
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Conductor material	Tin-plated Cu litz wires
Cable resistance	≤ 145 Ω/km (20 °C)
Insulation resistance	≥ 20 MΩ*km (20 °C)
Smallest bending radius, fixed installation	52 mm
Smallest bending radius, movable installation	98 mm
Max. bending cycles	5000
Halogen-free	no
Flame resistance	IEC 60332-1-2 (raw cable)
	VDE 0842, Part 332-1-2 (raw cable)
	IEC 60332-3-22 (raw cable)
	UL VW-1
	CSA FT-1
Resistance to oil	can withstand occasional splashes (raw cable)

color code

IDC/FLK14 (1)	() = black
IDC/FLK14 (2)	() = brown
IDC/FLK14 (3)	() = red
IDC/FLK14 (4)	() = orange
IDC/FLK14 (5)	() = yellow
IDC/FLK14 (6)	() = green
IDC/FLK14 (7)	() = blue
IDC/FLK14 (8)	() = violet

Connection data

Connection method	Single wires
Stripping length (Sheath)	≈ ℃€ mm
Number of positions	8
Note	The wires are marked and fitted with ferrules

Connection 2

Connection in acc. with standard	based on IEC 60603-13
Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	14
Conductor cross section AWG	26
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm



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Notes

General

For proper use, the specifications of the installation directive (see Downloads) must be observed.



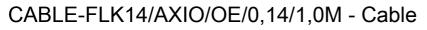


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Approvals

🌣 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1369897

B	UL Listed Approval ID: FILE E 238705	
•	CUL Listed Approval ID: FILE E 238705	
ERC	EAC Approval ID: RU*-DE.HB*35.B00385	
c	cULus Listed	





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Classifications

ECLASS

ECLASS-11.0	27242220
ECLASS-12.0	27242220
ECLASS-13.0	27242220

ETIM

	ETIM 8.0	EC000237
UNSPSC		
	UNSPSC 21.0	26121600



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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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