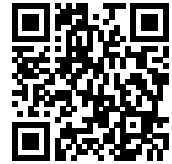


C9900-K730...K739 | CP-Link 4 cable, shielded, PVC, 4 x 2 x AWG23/7, fixed installation, black, Cat.6A



M12, plug, straight, male, 8-pin, X-coded – M12, plug, straight, male, 8-pin, X-coded



Plugs

Electrical data	Head A	Head B
Rated voltage	50 V AC / 60 V DC	50 V AC / 60 V DC
Rated current	0.5 A	0.5 A
Voltage proof (contact/contact)	500 V DC	500 V DC
Shielding	yes	yes
Contact resistance	< 15 mΩ	< 15 mΩ
Insulation resistance	≥ 10 GΩ	≥ 10 GΩ
Mechanical data		
Installation size	M12	M12
Connector type	plug	plug
Configuration	straight	straight
Contact type	male	male
Number of positions (face)	8-pin	8-pin

Coding	X-coded	X-coded
Recommended torque, nut	0.6 Nm	0.6 Nm
Mating cycles	≥ 100	≥ 100
Way of locking	screw	screw
Body material	Zinc die-cast	Zinc die-cast
Coupling nut material	Zinc die-cast	Zinc die-cast
Contact material	CuZn	CuZn
Environmental data		
RoHS compliant	yes	yes
Protection rating	IP65/67	IP65/67
Approvals	UL	UL

Cable

Electrical data		
Rated voltage	≤ 80 V	
Insulation resistance	≥ 500 MΩ/km	
Characteristic impedance	100 Ω ± 5 Ω (100 MHz)	
Loop resistance	≤ 150 Ω/km	
Dielectric strength wire/wire	800 V	
Dielectric strength wire/shield	800 V	
Test voltage	800 V (wire/wire and wire/screen)	
Mechanical data		
Conductor construction	7 strand	
Cross-section	4 x 2 x AWG23/7	
Outer cable diameter	8.7 mm ± 0.2 mm (0.3425" ± 0.0079")	
Min. bending radius, moved	8 x outer cable diameter	
Min. bending radius, fixed installation	4 x outer cable diameter	
Conductor material	copper, tinned	
Shielding	braiding of tinned copper wires	
Optical covering factor of shielding (total)	≥ 85 %	
Use	fixed installation	
Jacket color	black	
Material jacket	PVC (polyvinyl chloride)	
Wire color code	white / blue, white / orange, white / green, white / brown	
Wire insulation material	PVC (polyvinyl chloride)	

Printing on the jacket

BECKHOFF CP-LINK 4 CABLE CAT 6A *E130266 AWM STYLE 2461 + production batch + sequential length in metres

Environmental data

Operation temperature range, fixed installation

-40...+80 °C, -40...+176 °F

UV resistance

yes

Flame-retardant

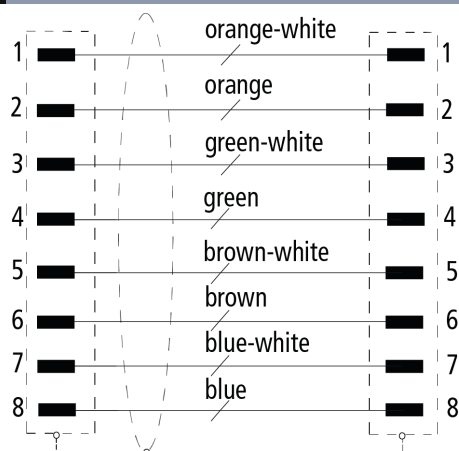
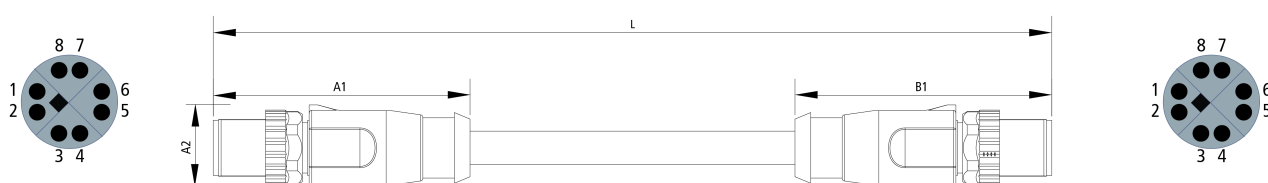
according to IEC 60332-1-2

Silicone-free

yes

Approvals

UL-Style 2461 (80°C/300V)

Contact assembly**Dimensions**

A1 45.4 mm

A2 Ø 16.4 mm

B1 45.4 mm

B2 Ø 16.4 mm

CE, UL

CE yes

Ordering information	Length
C9900-K730	3.00 m
C9900-K731	5.00 m
C9900-K732	10.00 m
C9900-K733	15.00 m
C9900-K734	20.00 m
C9900-K735	25.00 m
C9900-K736	30.00 m
C9900-K737	40.00 m
C9900-K738	50.00 m
C9900-K739	60.00 m



Products marked with a crossed-out wheeled bin shall not be discarded with the normal waste stream. The device is considered as waste electrical and electronic equipment. The national regulations for the disposal of waste electrical and electronic equipment must be observed.

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