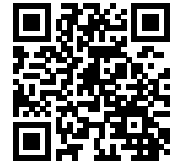


# C9900-K921 | Industrial Ethernet/EtherCAT adapter, shielded, PVC, 5 x 2 x 0.14 mm<sup>2</sup>, fixed installation, green



ix Industrial™, plug, straight, male, 10-pin, Type A – RJ45, plug, straight, female+ female, 8-pin



## Plugs

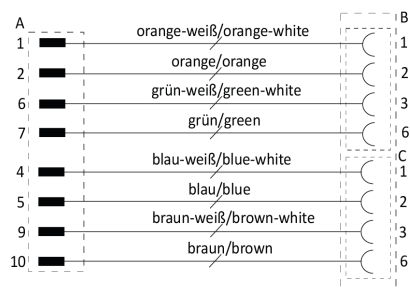
Electrical data	Head A	Head B
Rated voltage	50 V AC / 60 V DC	125 V
Rated current	1.5 A	1.5 A
Dielectric strength	-	1000 V AC/min.
Shielding	yes	yes
Contact resistance	< 30 mΩ	< 30 mΩ
Insulation resistance	≥ 500 MΩ/km	≥ 500 MΩ/km
Mechanical data		
Installation size	ix Industrial™	RJ45
Connector type	plug	plug
Configuration	straight	straight
Contact type	male	female+ female
Number of positions (face)	10-pin	8-pin

Coding	Type A	-
Mating cycles	≥ 5000	≥ 750
Body color	black	black
Body material	Polycarbonate resin	Polyvinylchloride
Contact plating	Au	Au over Ni
Contact material	copper alloy	phosphorus bronze
<b>Environmental data</b>		
Protection rating	IP20	IP20
Approvals	UL 1977 ECBT2.E102079, CSA-C22.2 No. 182.3 ECBT8.E102079	-

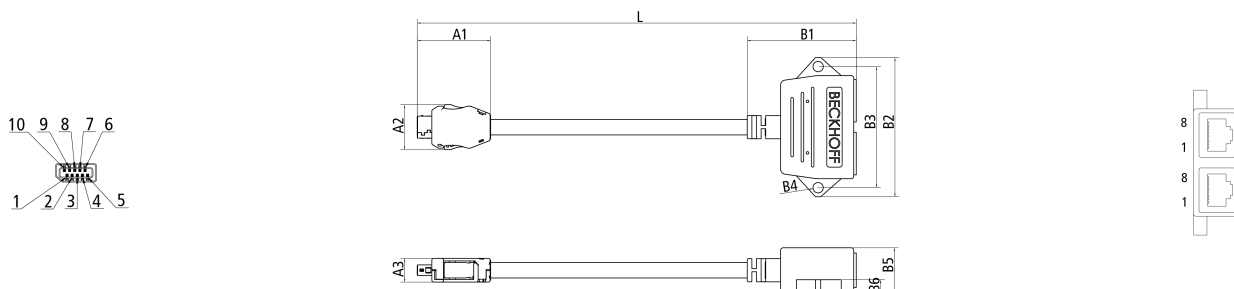
## Cable

<b>Electrical data</b>	
Rated voltage	30 V
Wire resistance	≤ 148,94 Ω/km (20°C)
Characteristic impedance	100 Ω ± 15 Ω (100 MHz)
<b>Mechanical data</b>	
Cable structure	S/FTP
Cable structure (Ethernet)	twisted shielded pair
Conductor construction	7 strand
Cross-section	4 x 2 x AWG26/7
Outer cable diameter	6.5 mm ± 0.2 mm (0.2559" ± 0.0079")
Shielding	braiding of tinned copper wires
Use	fixed installation
Jacket color	green
Material jacket	TPU (thermoplastic polyurethane)
Wire insulation material	PE (polyethylene)
Printing on the jacket	E119932-U UR AWM 20554 80°C 30V CAT.6 PATCH CABLE 4SFTP 26AWG STRANDED COPARTNER
<b>Environmental data</b>	
Operation temperature range, fixed installation	-10...+80°C, +14...+176°F

<b>Contact assembly</b>	
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## Dimensions



A1	28.6 mm
A2	17.5 mm
B1	42.5 mm
B2	54.0 mm
B3	47.0 mm
B4	Ø 4.0 mm
B5	17.4 mm
B6	5.0 mm

## Notes

- Depending on the cable length (L), the following length tolerances apply:  
0.5 m: ± 30 mm | 1.0 m ... 3.0 m: ± 50 mm | 5.0 m: ± 100 mm
- Illustrations similar
- Further cable length on request.

## CE, UL

CE yes

Ordering information	Length
C9900-K921	1.00 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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