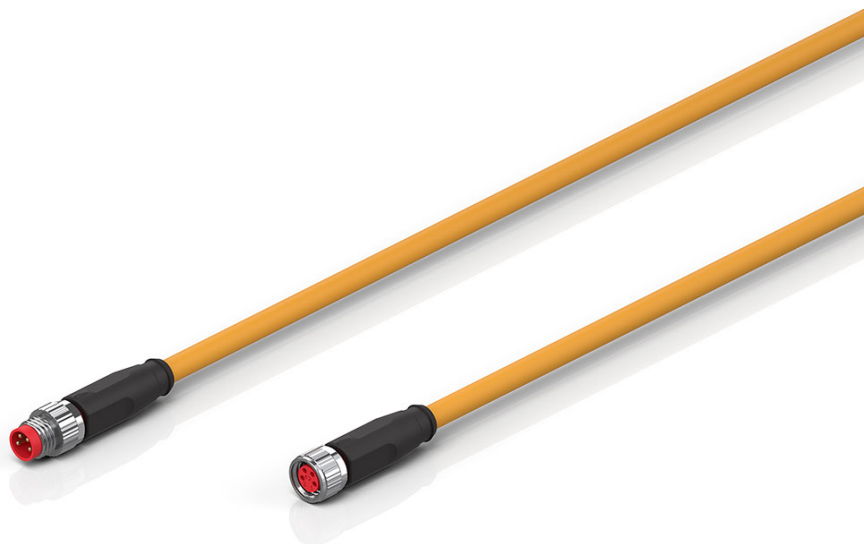


ZK2020-3132-7xxx | Power cable, PP, 4 x 0.34 mm², fixed installation, food & beverage



M8, plug, straight, male, 4-pin, A-coded – M8, socket, straight, female, 4-pin, A-coded



Plugs

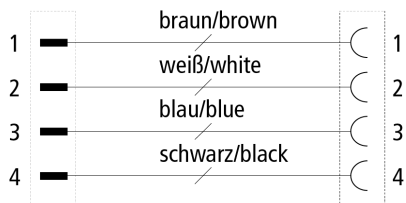
Electrical data	Head A	Head B
Rated voltage	50 V AC/60 V DC (according to IEC 61076-2-104)	50 V AC/60 V DC (according to IEC 61076-2-104)
Rated current	4 A at 40°C (leaning on IEC 61076-2-104)	4 A at 40°C (leaning on IEC 61076-2-104)
Shielding	no	no
Insulation resistance	≥ 10 GΩ (according to IEC 60512-2)	≥ 10 GΩ (according to IEC 60512-2)
Mechanical data		
Installation size	M8	M8
Connector type	plug	socket
Configuration	straight	straight
Contact type	male	female
Number of positions (face)	4-pin	4-pin
Coding	A-coded	A-coded
Recommended torque, nut	0.4 Nm	0.4 Nm

Mating cycles	≥ 100 (according to IEC 60512-9a)	≥ 100 (according to IEC 60512-9a)
Way of locking	screw	screw
Weight	0.028 kg (0.0617 lb)	0.028 kg (0.0617 lb)
Body color	black	black
Body material	thermoplastic elastomer	thermoplastic elastomer
Coupling nut material	1.4404 (stainless steel)	1.4404 (stainless steel)
Seal	FPM	FPM
Contact carrier color	red	red
Contact carrier material	PP GF, UL94	PP GF, UL94
Contact plating	Ni, Au gal.	Ni, Au gal.
Contact material	CuZn	CuZn
Environmental data		
RoHS compliant	yes	yes
Ambient temperature (operation)	-30...+105°C, -22...+221°F	-30...+105°C, -22...+221°F
Protection rating	IP65/67 in screwed condition (according to IEC 60529)	IP65/67 in screwed condition (according to IEC 60529)
Pollution level	3/2 (according to IEC 60664-1)	3/2 (according to IEC 60664-1)

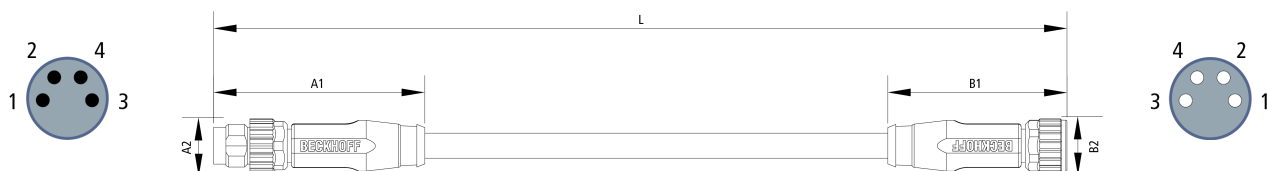
Cable

Electrical data	
Rated voltage	250 V
Operating voltage	≤ 250 V
Insulation resistance	≥ 10 GΩ * km
Test voltage	2000 V, 50 Hz, 5 min
Mechanical data	
Conductor construction (power)	32 x 0.10 mm
Cross-section	4 x 0.34 mm ² (AWG22)
Min. bending radius, moved	8 x outer cable diameter
Min. bending radius, fixed installation	5 x outer cable diameter
Weight	27 kg/km (18.1 lb/1000 ft)
Conductor material (power)	copper bare
Shielding	no
Use	Food and Beverage
Max. number of cycles	20 million
Wall thickness of wire insulation (signal/24V)	0.15 mm
Jacket color	orange

Material jacket	PP (polypropylene)
Wire color code	white, blue, black, brown
Wire insulation material	TPE (thermoplastic elastomer)
Printing color	black
Environmental data	
Operation temperature range, moved	-40...+105°C, -40...+221°F
Operation temperature range, fixed installation	-50...+105°C, -58...+221°F
Flame-retardant	according to DIN VDE 0472, part 804, type of test B
Halogen-free	yes

Pin assignment	
	

Dimensions



A1	39.60 mm
B1	35.00 mm

Notes

- Depending on the cable length (L), the following length tolerances apply:
0 m...<0.2 m: ± 10 mm | 0.2...4.0 m: $+ 40$ mm | ≥ 4.0 m: $+ 1\%$
- Illustrations similar
- Further cable length on request.

Ordering information	Length
ZK2020-3132-7001	0.10 m

ZK2020-3132-7010	1.00 m
ZK2020-3132-7050	5.00 m
ZK2020-3132-7100	10.00 m

Further length on request

Accessories	
ZB8801-0000	torque wrench for hexagonal plugs, adjustable
ZB8801-0001	torque cable key, M8/wrench size 9, for ZB8801-0000



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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