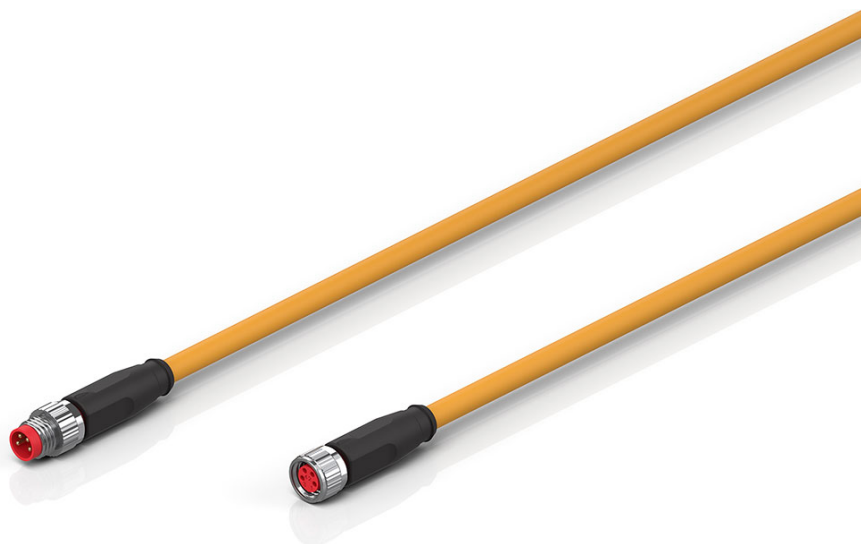


# ZK2020-3132-7xxx | Power cable, PP, 4 x 0.34 mm<sup>2</sup>, fixed installation, food & beverage



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	30 V (according to IEC 61076-2-104)	30 V (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 per piece	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
<b>Environmental data</b>		
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)

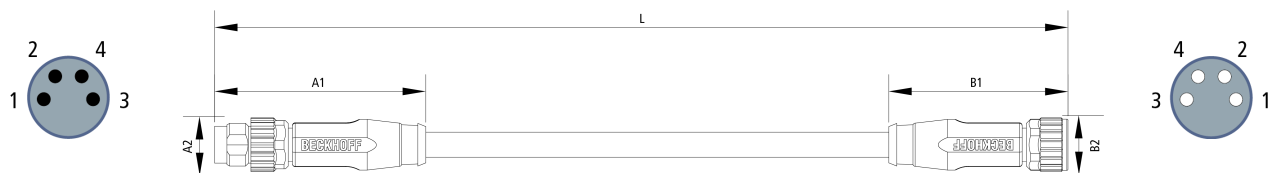
## Cable

<b>Electrical data</b>		
Rated voltage	250 V	
Operating voltage	≤ 250 V	
Insulation resistance	≥ 10 GΩ * km	
Test voltage	2000 V, 50 Hz, 5 min	
<b>Mechanical data</b>		
Conductor construction (power)	32 x 0.10 mm	
Cross-section	4 x 0.34 mm <sup>2</sup> (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
<b>Environmental data</b>	
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

<b>Contact assembly</b>		
1	braun/brown	1
2	weiß/white	2
3	blau/blue	3
4	schwarz/black	4

## 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.

<b>Ordering information</b>	<b>Length</b>
ZK2020-3132-7050	5.00 m
ZK2020-3132-7100	10.00 m

**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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