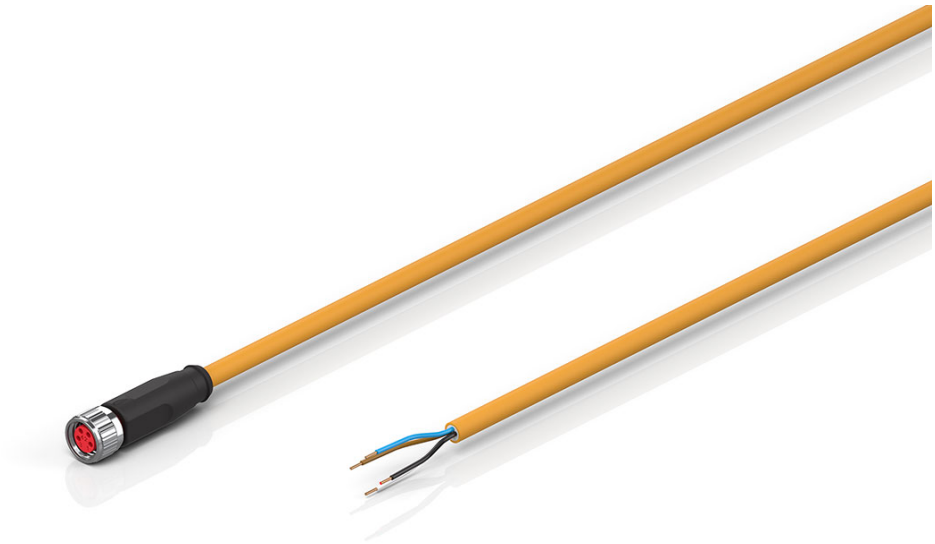
ZK2020-3200-7xxx | Power cable, PP, 4 x 0.34 mm², fixed installation, food & beverage

M8, socket, straight, female, 4-pin, A-coded – open end, 4-wire



Plugs

Electrical data	Head A	Head B
Rated voltage	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)	-
Shielding	no	-
Insulation resistance	≥ 10 GΩ (according to IEC 60512-2)	-
Mechanical data		
Installation size	M8	open end
Connector type	socket	-
Configuration	straight	-
Contact type	female	-
Number of positions (face)	4-pin	4-wire
Coding	A-coded	-
Recommended torque, nut	0.4 Nm	-
Mating cycles	≥ 100 (according to IEC 60512-9a)	-

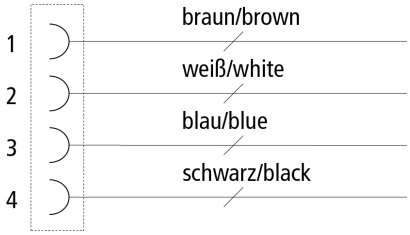
Way of locking	screw	-
Weight	0.028 kg (0.0617 lb)	-
Body color	black	-
Body material	thermoplastic elastomer	-
Coupling nut material	1.4404 (stainless steel)	-
Seal	FPM	-
Contact carrier color	red	-
Contact carrier material	PP GF, UL94	-
Contact plating	Ni, Au gal.	-
Contact material	CuZn	-
Environmental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

Cable

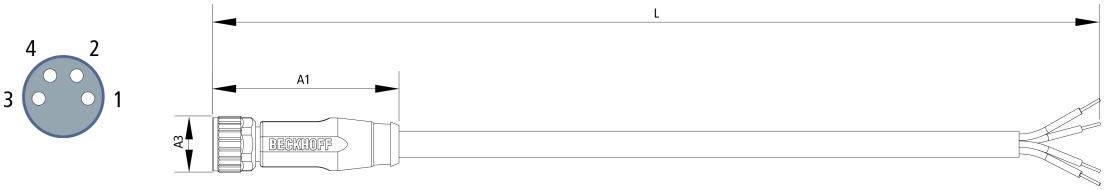
Electrical data	
Rated voltage	250 V
Operating voltage	≤ 250 V
Insulation resistance	≥ 10 GΩ * km
Test voltage	2000 V, 50 Hz, 5 min
Mechanical data	
Conductor construction (power)	32 x 0.10 mm
Cross-section	4 x 0.34 mm² (AWG22)
Min. bending radius, moved	8 x outer cable diameter
Min. bending radius, 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	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
ZK2020-3200-7050	5.00 m
ZK2020-3200-7100	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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