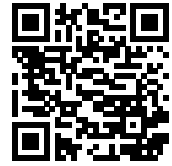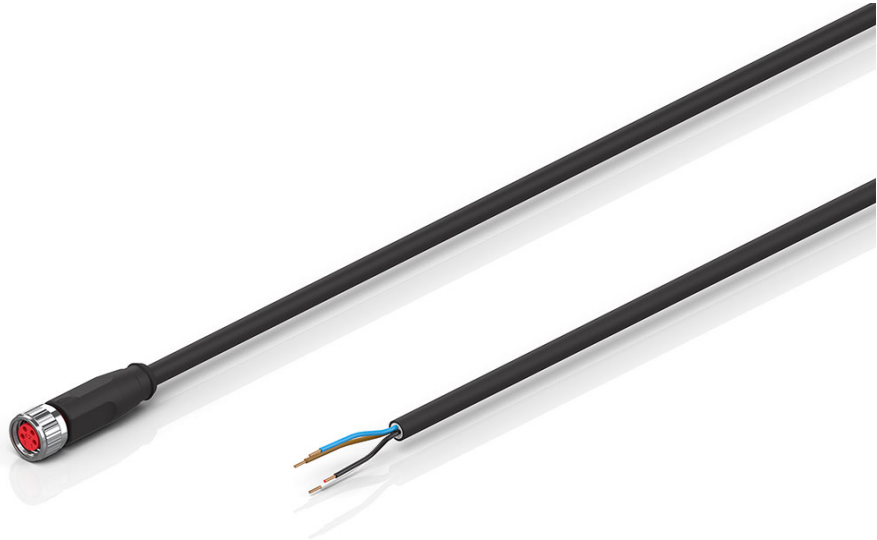# ZK2020-3200-Exxx | Power cable, PVC, 4 x 0.34 mm², fixed installation, CMG, CSA, PLTC-ER

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

Plugs

Electrical data	Head A	Head B
Rated voltage	30 V (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	-

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Weight per piece	0.028 kg (0.0617 lb)	-
Body color	black	-
Body material	TPU, UL94	-
Coupling nut material	CuZn, Ni	-
Seal	FPM	-
Contact carrier color	red	-
Contact carrier material	TPU GF, UL 94	-
Contact plating	Ni, Au gal.	-
Contact material	CuZn	-
Environmental data		
Special features	halogen-free, flame-resistant as per IEC 60332-1-2, oil-resistant as per DIN EN 60811-2-1	-
RoHS compliant	yes	-
Ambient temperature (operation)	-30...+80°C, -22...+176°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	≤ 300 V
Test voltage	1500 V
Mechanical data	
Cross-section	4 x 0.34 mm² (AWG22)
Min. bending radius, fixed installation	6 x outer cable diameter
Weight	31 kg/km (20.8 lb/1000 ft)
Shielding	no
Use	fixed installation
Jacket color	gray
Material jacket	PVC (polyvinyl chloride)
Wire color code	white, blue, black, brown
Wire insulation material	PVC (polyvinyl chloride)
Environmental data	
Operation temperature range, moved	-25...+105°C, -13...+221°F
Operation temperature range, fixed installation	-40...+105°C, -40...+221°F
UV resistance	yes

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Oil resistance	OR-02, UL Oil Res. I
Flame-retardant	FR-03, Vertical Tray Test UL1581
Approvals	CMG, CSA, PLTC-ER

Contact assembly

1 braun/brown
2 rot/red
3 orange
4 schwarz/black
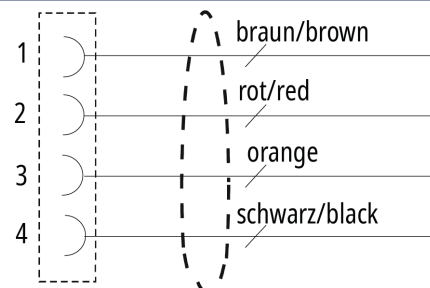
Dimensions

A1	34.00 mm
A2	Ø 10.1 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-E020	2.00 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

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| ZB8803-0001 | Flange/Panel feed-through for M8 pre-assembled, for fixing the connector, plastic, including screws, washers and lock nuts |

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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