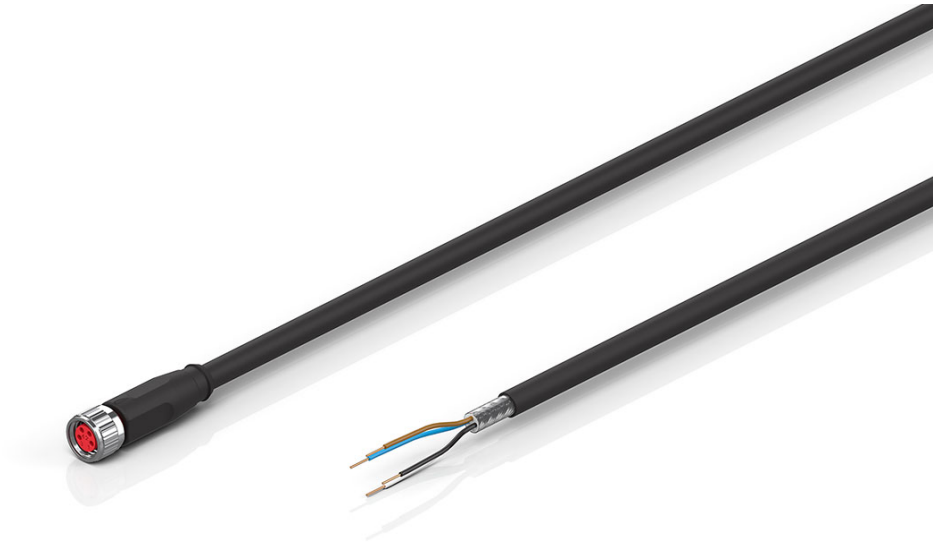
ZK2027-3200-0xxx | Power cable, PUR, 4 x 0.34 mm², shielded, fixed installation

M8, socket, straight, female, 4-pin, A-coded – open end, 4-wire + strand and shielding



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	yes	-
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 + strand and shielding
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	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)	-

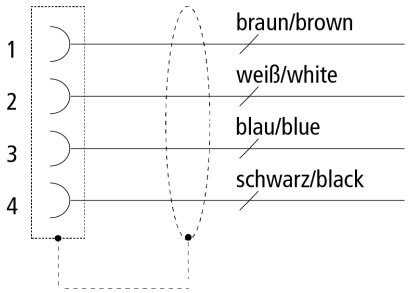
Cable

Electrical data	
Rated voltage	≤ 300 V
Insulation resistance	≥ 100 GΩ * km
Wire resistance (signal/24V)	≤ 58.0 Ω/km (20°C)
Test voltage	≥ 3000 V
Mechanical data	
Conductor construction (power)	42 x 0.10 mm
Cross-section	4 x 0.34 mm² (AWG22)
Outer cable diameter	5.4 mm ± 0.2 mm (0.213" ±0.0079")
Min. bending radius, moved	10 x outer cable diameter
Min. bending radius, fixed installation	5 x outer cable diameter
Weight	43 kg/km (28.8 lb/1000 ft)
Shielding	braiding of tinned copper wires
Optical covering factor of shielding (total)	yes
Use	fixed installation

Wall thickness of wire insulation (power)	≥ 0.21 mm
Jacket color	black
Material jacket	PUR (polyurethane)
Wire color code	white, blue, black, brown
Wire insulation material	PP (polypropylene)
Printing color	white

Environmental data	
Operation temperature range, moved	-25...+80°C, -13...+176°F
Flame-retardant	according to cULus 20549
Halogen-free	according to DIN VDE 0472 part 815

Pin assignment



Dimensions



A1	33.00 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
ZK2027-3200-0010	1.00 m
ZK2027-3200-0030	3.00 m
ZK2027-3200-0050	5.00 m
ZK2027-3200-0100	10.00 m
ZK2027-3200-0150	15.00 m
ZK2027-3200-0200	20.00 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
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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