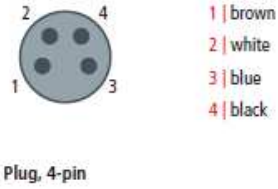

Connection cable **| M8 plug, straight, 4-pin – open end**

Electrical data	ZK2000-3100-0xxx
Rated voltage	30 V (according to IEC 61076-2-101)
Rated current	4 A at 40 ℃ (according to IEC 61076-2-101)
Insulation resistance	≥ 10 GΩ (according to IEC 60512-2)

Mechanical data	
Protection class	IP 67 in screwed condition (according to IEC 60529)
Ambient temperature	-30 ℃…+80 ℃ (according to IEC 60644-1)
Insertion cycles	≤ 100 (according to IEC 60512-9a)
Contamination level	3/2 (according to IEC 60664-1)

Mechanical properties cable	
Temperature range (cable)	-25 ℃… +80 ℃
Cable outside diameter	4.40± 0.15 mm
Bending radius	min. 6 x D
Number of cycles	min. 2 million for max. travel path of 100 m, min. 10 million for max. travel path of 20 m
Parameter	max. velocity 5 m/s, acceleration max. 10 m/sec^2
Approbations	UL
Material properties	halogen-free as per DIN VDE 0472 part 815, flame-resistant as per cULus 20549

Materials	
Contact material	CuZn
Contact surface	Ni, Au gal.
Contact carrier/body	TPU GF, UL 94/TPU, UL 94
Coupling screw/nut	CuZn, Ni
Seal	FPM
Cable	TPU, UL20549, black, 4 x 0.25 mm^2, Li9Y11Y

Ordering information	cable length
ZK2000-3100-0020	2.00 m
ZK2000-3100-0050	5.00 m

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