



Plug, 4-pin

Connection cable | M12 plug, straight, 4-pin – open end

Electrical data	ZK2000-6100-0xxx
Rated voltage	250 V (according to IEC 61076-2-101)
Rated current	4 A at 40 °C (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 °C...+85 °C (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	
Ambient temperature	-25 °C...+80 °C
Cable outside diameter	4.70 ±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 <sup>2</sup>
Approbations	UL
Material properties	halogen-free as per DIN VDE 0472 part 815, flame-resistant DIN EN 60332-2-2

Materials	
Contact material	CuZn
Contact surface	Ni, Au gal.
Contact carrier/body	TPU GF, UL 94/TPU, self-extinguishing
Coupling screw	CuZn, Ni
Seal	FPM
Cable	TPU, UL20549, black, 4 x 0.34 mm <sup>2</sup> , Li12Y11Y

Ordering information	Cable length
ZK2000-6100-0020	2.00 m
ZK2000-6100-0050	5.00 m
ZK2000-6100-0100	10.00 m