



10		CONNECTOR A	
M12 / 5-Pole / A-Coding / female / straight			
Contact Resistance	mΩ	≤5	
Contact Material	Brass, Gold-Plated		
Contact Carrier Material	PA		
Connector Body Material	TPU		
Coupling (Nut / Screw)	Brass, Nickel-Plated		
O-Ring Material	FKM		
Protection Class	IP67 (locked Condition)		
Pin No.		Color	
1		BN	
2		WH	
3		BU	
4		BK	
5		GY	
Coupling		Braid	

Weight: 0.12 kg	
ZK-M12-5-2M-1-AFF	
14200231	-
State: Sample	A4-Q
Rev: -.B	P

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715	
Drawn	11.10.2018	Date		Name		Schneid_A	
Checked	04.12.2018	Date		Name		Reith_S	
Approved	----	Date		Name		----	
Nanotec®							
PLUG & DRIVE							
REV	Rev. Text	Name	Rel. Date				

20 CABLE SPECIFICATION		
Cable Length	mm	2000
Cable Diameter	mm	5.5
Cable Material	PUR	
Cable Color	Black	
Conductor Insulation	PVC	
Conductor / Cross - Section	5x AWG22	
UL Type	UL 20549	
Shielded	Yes	
Bending Radius (flexible)	Min. 15 x Ø	
Bending Radius (stationary)	Min. 12 x Ø	
GENERAL SPECIFICATION		
Rated Current	A	4
Rated Voltage	VAC/DC	60
Insulation resistance	MΩ	≥100
Ambient temperature	-10°C...+80°C	