



10	CONNECTOR A	
M8x1 / 3-Pole / A-Coding / female / angled		
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	
3	BU	
4	BK	
Coupling	Braid	

20	CABLE SPECIFICATION		
Cable Length	mm	5000	
Cable Diameter	mm	4.7	
Cable Material	PUR		
Cable Color	Black		
Conductor Insulation	PVC		
Conductor / Cross - Section	3x AWG24		
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	3.0
Rated Voltage	VAC/DC	50/60
Insulation resistance	MΩ	≥100
Ambient temperature	-10°C...+80°C	

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715		Weight: 0.16 kg	
				Date	Name		ZK-M8-3-5M-2-AFF		
				Drawn	Schneid_A				
				Reviewed	Reith_S				
				Released	Reith_S				
01	weight corrected	Reith_S	14.10.2024	Nanotec PLUG & DRIVE		20002128		A4 Page 1	
REV	Rev. Text	Name	Date						
				State: Released		Rev: 01		CONFIDENTIAL	