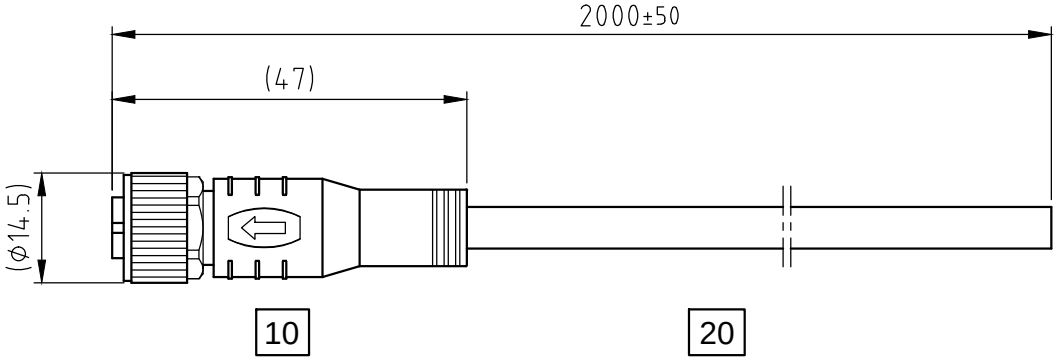

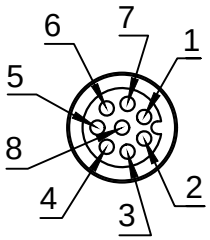

10	CONNECTOR A	
M12 / 8-Pole / A-Coding / female / straight		
Contact Resistance	mΩ	≤5
Contact Material		Brass, Gold-Plated
Contact Carrier Material		PA
Connector Body Material		TPU
Coupling (Nut / Screw)		Brass, Nickel-Plated
O-Ring Material		FKM
Protection Class		IP67 (locked Condition)
Pin No.		**Color**
1		WH
2		BN
3		GN
4		YE
5		GY
6		PK
7		BU
8		RD
Coupling		Braid

20	CABLE SPECIFICATION	
Cable Length	mm	2000
Cable Diameter	mm	6.0
Cable Material		PUR
Cable Color		Black
Conductor Insulation		PVC
Conductor / Cross - Section		8x 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	2
Rated Voltage	VAC/DC	30
Insulation resistance	MΩ	≥100
Ambient temperature		-10°C...+80°C

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: 0.12 kg

					Date	Name
				Drawn	07.11.2018	Schneid_A
				Checked	04.12.2018	Reith_S
				Approved	----	----
REV	Rev. Text	Name	Rel. Date	Nanotec® PLUG & DRIVE		

ZK-M12-8-2M-1-AFF

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State: Sample | Rev: -.A | P