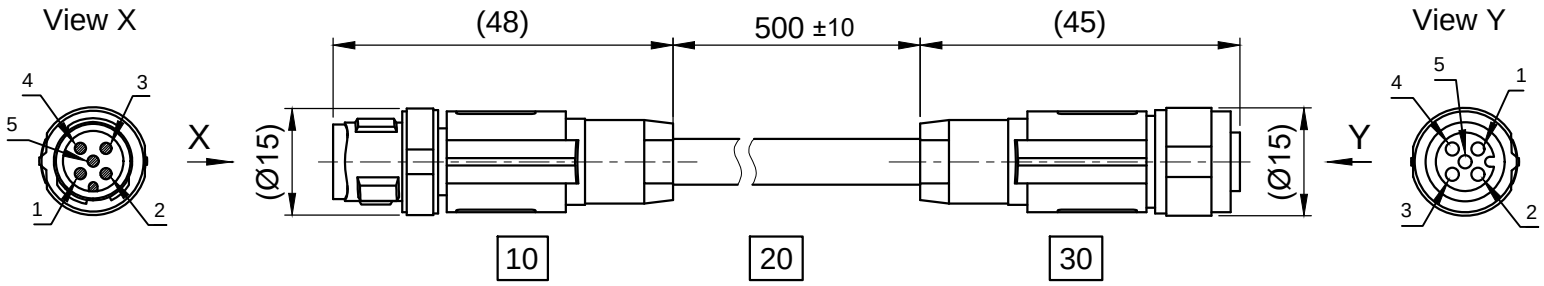

10	CONNECTOR A	
M12 / 5-Pole / A-Coding / male / straight		
Contact Resistance	mΩ	≤5
Contact Material		Brass, Gold-Plated
Contact Carrier Material		PA
Connector Body Material		TPU
Coupling (Nut / Screw)		Brass, Nickel-Plated
O-Ring Material		NBR
Protection Class		IP67 (locked Condition)

Pin No.	Function	Color
1	Drain	-
2	V+	RD
3	GND	BK
4	CAN High	WH
5	CAN Low	BU

30	CONNECTOR B	
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		NBR
Protection Class		IP67 (locked Condition)

Pin No.	Function	Color
1	Drain	-
2	V+	RD
3	GND	BK
4	CAN High	WH
5	CAN Low	BU

20	CABLE SPECIFICATION	
Cable Length	mm	500
Cable Diameter	mm	6.7
Cable Material		PUR
Cable Color		Violett
Conductor Insulation		PVC
Conductor / Cross - Section		1x2x AWG24 (Signal) 1x2x AWG22 (Power) 1x AWG22
UL Type		UL 1581
Shielded		Yes
Bending Radius (flexible)		Min. 10 x Ø
Bending Radius (stationary)		Min. 10 x Ø

GENERAL SPECIFICATION		
Rated Current	A	4
Rated Voltage	VAC/DC	60
Insulation resistance	MΩ	≥100
Ambient temperature		-20°C...+70°C

ISO 8015	ISO 1302	ISO 2768-1 cK	ISO 13715	Weight: 0.07 kg

					Date	Name
				Drawn	11.07.2018	Schneid_A
				Checked	07.12.2018	Reith_S
				Approved	----	----
REV	Rev. Text	Name	Rel. Date			

Nanotec® PLUG & DRIVE

ZK-M12M-M12F-5-500-S

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State: Sample | Rev: -.B | P