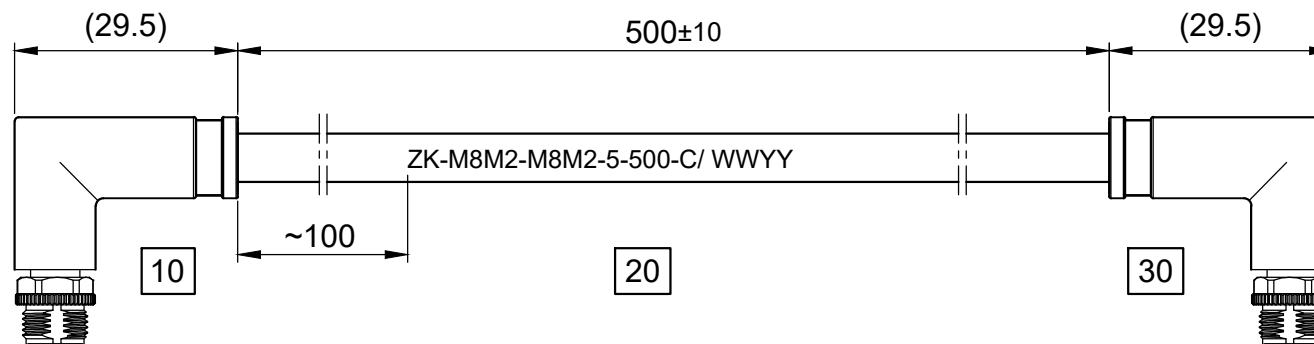
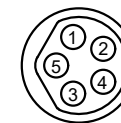
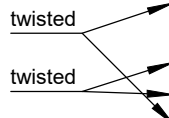


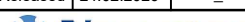


20	CABLE SPECIFICATION	
Cable Length	mm	500
Cable Diameter	mm	6.35
Cable Material		PVC
Cable Color		Grey
Conductor Insulation		n.a.
Conductor / Cross - Section		2x2xAWG20/24
UL Type		CMP (FT6)
Shielded		Yes
Bending Radius (flexible)		Min. 15 x Ø
Bending Radius (stationary)		Min. 12 x Ø

GENERAL SPECIFICATION		
Rated Current	A	3/3 (AWG24/20)
Rated Voltage	V AC/DC	30
Insulation Resistance	MΩ	≥100
Ambient Temperature	°C	-20...+75
Storage Temperature	°C	-40...+75

10	CONNECTOR A		30	CONNECTOR B	
		M8x1 / 5-Pole / B-Coding / male / angled			M8x1 / 5-Pole / B-Coding / male / angled
Contact Resistance		mΩ ≤5	Contact Resistance		mΩ ≤5
Contact Material		n.a.	Contact Material		n.a.
Contact Carrier Material		n.a.	Contact Carrier Material		n.a.
Connector Body Material		TPU	Connector Body Material		TPU
Coupling (Nut / Screw)		Zinc alloy, Nickel-Plated	Coupling (Nut / Screw)		Zinc alloy, Nickel-Plated
O-Ring Material		FKM	O-Ring Material		FKM
Protection Class		IP67 (locked Condition)	Protection Class		IP67 (locked Condition)
Pin No.		Color	Pin No.		Color
1		RD (AWG20)	1		RD (AWG20)
2		Braid	2		Braid
3		WH (AWG24)	3		WH (AWG24)
4		BU (AWG24)	4		BU (AWG24)
5		BK (AWG20)	5		BK (AWG20)
Coupling		n.c.	Coupling		n.c.



ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715					Weight: ±10% 0.055 kg		
					Date	Name		ZK-M8M2-M8M2-5-500-C					
				Drawn	05.06.2025		Schneid_A						
				Reviewed	24.02.2026		Reith_S						
				Released	24.02.2026		Reith_S						
				 Nanotec PLUG & DRIVE				20003036			A4 Page		
REV	Rev. Text	Name	Date					State: Released		Rev: 00			CONFIDENTIAL
													

