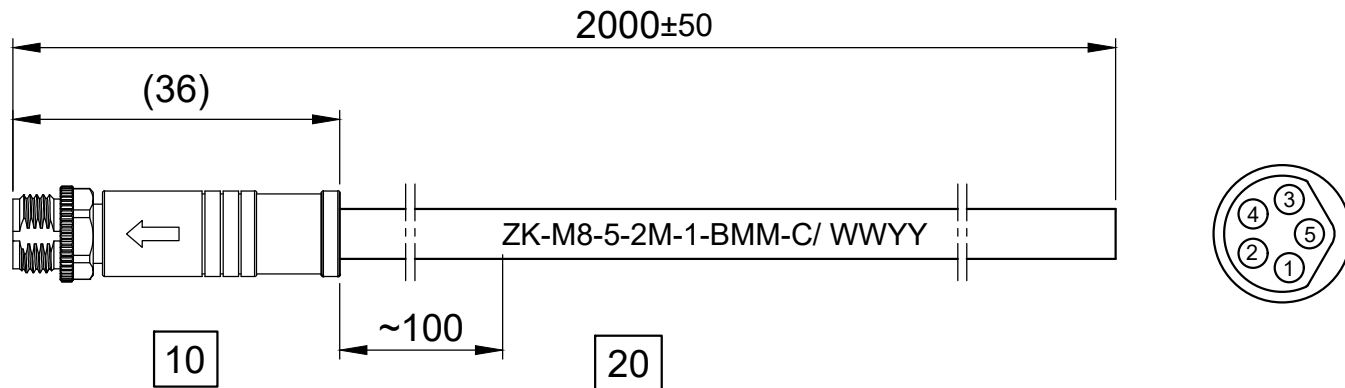




10	CONNECTOR A	
	M8x1 / 5-Pole / B-Coding / male / straight	
Contact Resistance	mΩ	≤5
Contact Material	n.a.	
Contact Carrier Material	n.a.	
Connector Body Material	TPU	
Coupling (Nut / Screw)	Zinc alloy, Nickel-Plated	
O-Ring Material	FKM	
Protection Class	IP67 (locked Condition)	
Pin No.	Color	
1	RD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

twisted
twisted

20	CABLE SPECIFICATION	
Cable Length	mm	2000
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

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715						Weight: ±10% 0.15 kg		
					Date	Name		ZK-M8-5-2M-1-BMM-C						
				Drawn	05.06.2025	Schneid_A								
				Reviewed	24.02.2026	Reith_S								
				Released	24.02.2026	Reith_S								
						20003037								
												A4 Page 1		
REV	Rev. Text	Name	Date					State: Released		Rev: 00		CONFIDENTIAL		