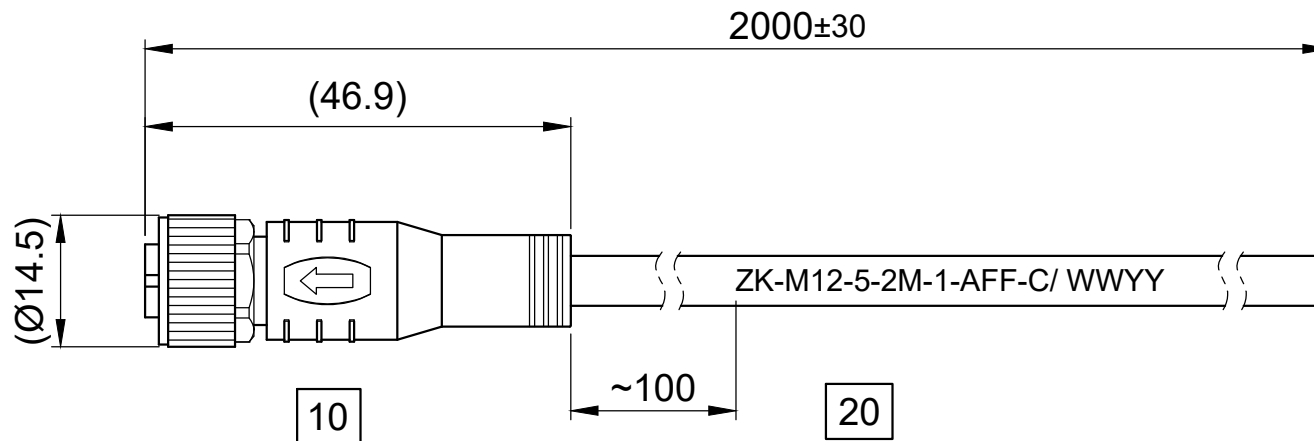


20	CABLE SPECIFICATION	
Cable Length	mm	2000
Cable Diameter	mm	6.35
Cable Material		PVC
Cable Color		Grey
Conductor Insulation		n.a.
Conductor / Cross - Section		2x 2x AWG24/ 20
UL Type		CMP (FT6)
Shielded		Yes
Bending Radius (flexible)		Min. 15 x Ø
Bending Radius (stationary)		Min. 12 x Ø
GENERAL SPECIFICATION		
Rated Current	A	2/4 (AWG24/20)
Rated Voltage	V AC/DC	60
Insulation Resistance	MΩ	≥100
Ambient Temperature	°C	-25...+75
Storage Temperature	°C	-40...+75

10	CONNECTOR A	
M12 / 5-Pole / A-Coding / female / straight		
Contact Resistance	mΩ	≤5
Contact Material	Brass, Gold-Plated	
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		Drain
2		RD (AWG20)
3		BK (AWG20)
4		WH (AWG24)
5		BU (AWG24)
Coupling		Braid

twisted
twisted

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715					Weight: ±10% 0.16 k		
					Date	Name		ZK-M12-5-2M-1-AFF-C					
				Drawn	20.05.2025	Schneid_A							
				Reviewed	17.02.2026	Reith_S							
				Released	17.02.2026	Reith_S							
						20002996						A4 Page	
REV	Rev. Text	Name	Date			State: Released			Rev: 00			CONFIDENTIAL	