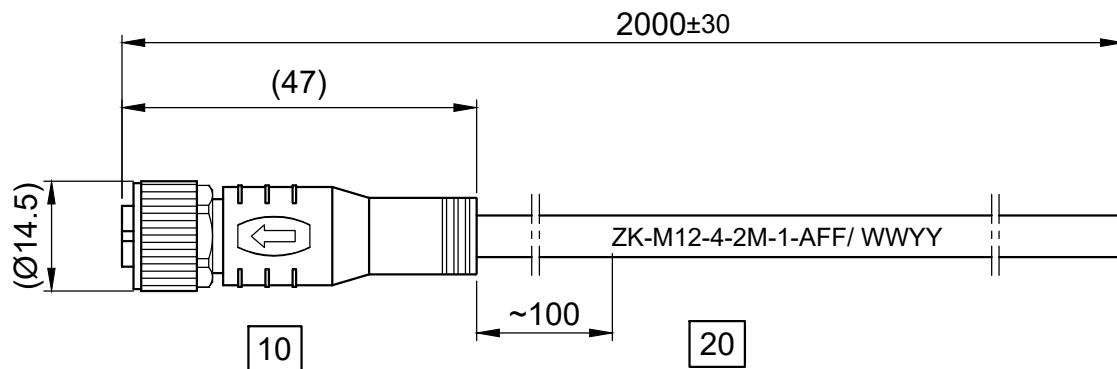


20	CABLE SPECIFICATION	
Cable Length	mm	2000
Cable Diameter	mm	5.3
Cable Material		PUR
Cable Color		Black
Conductor Insulation		n.a.
Conductor / Cross - Section		4 x AWG22
UL Type		UL 20549
Shielded		Yes
Bending Radius (flexible)		Min. 15 x Ø
Bending Radius (stationary)		Min. 12 x Ø

GENERAL SPECIFICATION		
Rated Current	A	4
Rated Voltage	V AC/DC	250
Insulation resistance	MΩ	≥100
Ambient temperature	°C	-25...+80
Storage temperature	°C	-40...+80

10	CONNECTOR A	
M12 / 4-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)	Brass, Nickel-Plated	
O-Ring Material	FKM	
Protection Class	IP67 (locked Condition)	
Pin No.		Color
1		BN
2		WH
3		BU
4		BK
Coupling		Braid

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715				Weight: ±10% 0.085 kg	
					Date	Name		ZK-M12-4-2M-1-AFF			
				Drawn	06.05.2025	Schneid_A					
				Reviewed	29.01.2026	Reith_S					
				Released	29.01.2026	Reith_S					
				 Nanotec [®] PLUG & DRIVE			20002961			A4 Page 1	
REV	Rev. Text	Name	Date				State: Released		Rev: 00		