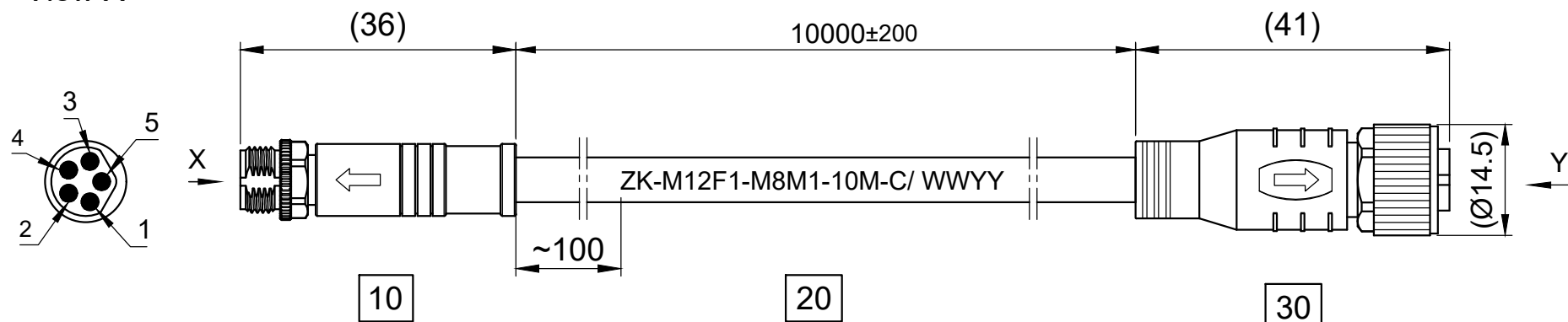
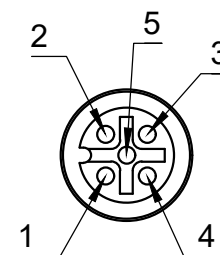


View X



View Y



20	CABLE SPECIFICATION	
Cable Length	mm	10000
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

twisted

twisted

30	CONNECTOR B	
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		n.c.

twisted

twisted

10	CONNECTOR A	
M8x1 / 5-Pole / B-Coding / male / 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		RD (AWG20)
2		Drain
3		WH (AWG24)
4		BU (AWG24)
5		BK (AWG20)
Coupling		n.c.

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715		Weight: ±10% 0.72 kg	
					Date	Name		ZK-M12F1-M8M1-10M-C	
					Drawn	28.10.2025	Kolev_I		
					Reviewed	24.02.2026	Reith_S		
					Released	24.02.2026	Reith_S		
REV		Rev. Text		Name		Date		20003289	
								State: Released	
								Rev: 00	
								CONFIDENTIAL	