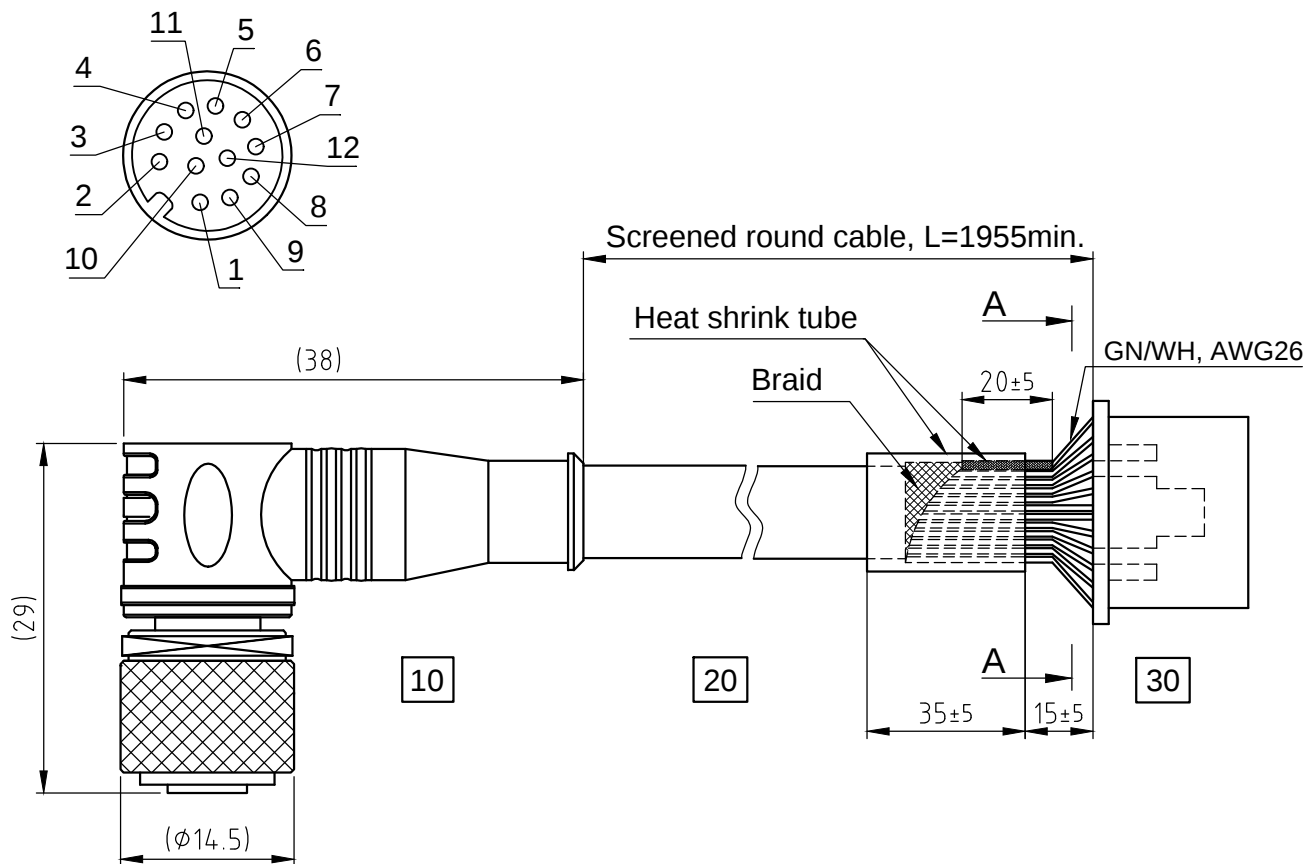




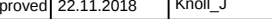
Section A-A

10	CONNECTOR A	
M12 / 12-Pole / A-Coding / female / angled		
Contact Resistance	mΩ	≤5
Contact Material	Brass, Gold-Plated	
Contact Carrier Material	PA	
Connector Body Material	TPU	
Coupling (Nut / Screw)	Brass, Nickel-Plated	
O-Ring Material	FKM	
Protection Class	IP67 (locked Condition)	
Pin No.		Color
1		WH
2		BN
3		GN
4		YE
5		GY
6		PK
7		BU
8		RD
9		OG
10		dark reddish purple
11		BK
12		VT
Coupling		Braid

30	CONNECTOR B	
PADP-12V-1-S / Contact: SPH-002T-P0.5L		
Contact Resistance	mΩ	≤10
Contact Material	Phosphor bronze, Tin-plated	
Connector Body Material	PA66, UL94 V-0	
Protection Class	IP20	
Pin No.	Color	Function
1	WH	GND
2	BN	Vcc
3	YE	A
4	PK	B
5	GY	A\
6	BU	B\
7	RD	I
8	OG	I\
9	dark reddish purple	H1
10	BK	H2
11	VT	H3
12	GN/WH	SHIELDING

20	CABLE SPECIFICATION	
Cable Length	mm	2000
Cable Diameter	mm	6.0
Cable Material		PUR
Cable Color		Black
Conductor Insulation		PVC
Conductor / Cross - Section		12x AWG26
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	1.5
Rated Voltage	VAC/DC	30
Insulation resistance	MΩ	≥100
Ambient temperature	-10°C...+80°C	

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715						Weight: 0.13 kg	
					Date	Name		ZK-M12-12-2M-2-PADP					
				Drawn	18.04.2018	Schneid_A							
				Checked	22.11.2018	Knoll_J							
				Approved	22.11.2018	Knoll_J							
01	revise drawing	Schneid_A	22.11.2018					14200046				-	
REV	Rev. Text	Name	Rel. Date									A4-Q	
								State: Released		Rev: 01		P	