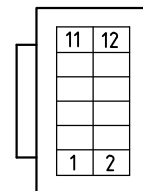


Section A-A



10		CONNECTOR A	
M12 / 8-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)		
	<b>Pin No.</b>	<b>Color</b>	
	1	WH	
	2	BN	
	3	GN	
	4	YE	
	5	GY	
	6	PK	
	7	BU	
	8	RD	
	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		
	<b>Pin No.</b>	<b>Color</b>	<b>Function</b>
	1	GY	GND
	2	RD	Vcc
	3	WH	A
	4	GN	B
	5	BN	A\
	6	YE	B\
	7	BU	I
	8	PK	I\
	9	n.c.	n.c.
	10	n.c.	n.c.
	11	n.c.	n.c.
	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	8x AWG24	
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	2
Rated Voltage	VAC/DC	30
Insulation resistance	MΩ	≥100
Ambient temperature	-10°C...+80°C	

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715	
				Date	Name		
				Drawn	Schneid_A		
				Checked	Reith_S		
				Approved	Reith_S		
01	revise drawing	Schneid_A	21.11.2018				
REV	Rev. Text	Name	Rel. Date				

Weight: 0.13 kg	
<b>ZK-M12-8-2M-2-PADP</b>	
14200044	-
State: Released	Rev: 01
P	