



CONNECTOR A		
M8 / 6-Pole / A-Coding / female / straight		
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
	Coupling	Braid

20 CABLE SPECIFICATION		
Cable Length	mm	2000
Cable Diameter	mm	5.0 ¹
Cable Material	PUR	
Cable Color	Black	
Conductor Insulation	PVC	
Conductor / Cross - Section	6x 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: ~0.09 kg	
			Date	Name	
			Drawn	06.10.2021	
			Reviewed	12.10.2021	
02	change connector	Schneid_A	06.04.2022	Released	12.10.2021
01	change wirecolor; values	Reith_S	17.11.2021		
REV	Rev. Text	Name	Date		
				ZK-M8-6-2M-1-AFF	
				20001200	
				State: Released	
				Rev: 02	
				CONFIDENTIAL	

