



10		CONNECTOR A	
TWINTUS / 18-Pole / female / angled			
Crimp Contact:	7.010.980.802 (18x)		
M16 Inserts, 18-Pole:	7.003.988.102		
M16 Connector:	7.831.400.000		
Contact Resistance	mΩ	<3	
Contact Material	Nickel- and Gold-Plated		
Contact Carrier Material	PA 6, PBT		
Connector Body Material	Copper-Zinc Alloy, Nickel-Plated		
Coupling (Nut / Screw)	Copper-Zinc Alloy, Nickel-Plated		
O-Ring Material	NBR		
Protection Class	IP67 (locked Condition)		
Function	Pin No.	Color	
Output 1	1	WH/YE	
Output 2	2	YE/BN	
Output 3	3	WH/GY	
Analog Input	4	WH/BU	
+UB extern	5	WH/PK	
GND (W001)	6	RD	
RS485 Tx+	7	GY	
RS485 Tx-	8	PK	
RS485 Rx-	9	YE	
RS485 Rx+	10	GN	
Input 1	11	BK	
Input 2	12	VT	
Input 3	13	GY/PK	
Input 4	14	RD/BU	
Input 5	15	WH/GN	
Input 6	16	BN/GN	
CAN -	17	WH	
CAN +	18	BN	

20 CABLE SPECIFICATION		
LAPP UNITRONIC LiYCY (TP)		
Cable Length	mm	1960
Cable Diameter	mm	8.9
Cable Material	PVC	
Cable Color	Grey	
Conductor Insulation	PVC	
Conductor / Cross - Section	mm ²	12x2x0.14
UL Type	No	
Shielded	Yes	
Bending Radius (flexible)	Min. 15 x Ø	
Bending Radius (stationary)	Min. 6 x Ø	

30 Cable End Sleeve		
Cable End Sleeve	(18x)	8 mm, Grey

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715	
				Date	Name		
				Drawn	24.04.2018 Schneid_A		
				Checked	30.01.2019 Reith_S		
				Approved	30.01.2019 Schneid_A		
05	revise drawing	Schneid_A	30.01.2019				
REV	Rev. Text	Name	Rel. Date				

Weight: 0.3 kg		ZK-TW-18-2M-2	
14200105			
State: Released		Rev: 05	
P			

GENERAL SPECIFICATION		
Rated Current	A	3
Rated Voltage	VAC/DC	24
Insulation resistance	MΩ	>10 ³
Ambient temperature	-5°C...+70°C	