



Connector: JST PADP-12V-1-S  
 Contact: SPH-001T-P0.5L (AWG26...22)  
 SPH-002T-P0.5L (AWG28...24)  
 sold seperately by distributors (not Nanotec)

Cable for S12B-PADSS-1 (sold seperately by Nanotec)  
 ZK-PADP-12-500-S open end  
 ZK-NT03-10-500-PADP for NTO3 Encoder  
 ZK-NOE-10-500-S-PADP for NOE Encoder  
 ZK-WEDL-500-S-PADP for WEDL Encoder

further cable you will find on [www.nanotec.com](http://www.nanotec.com)

10 CONNECTOR	
JST S12B-PADSS-1	
Contact Resistance	mΩ n. a.
Contact Material	n. a.
Contact Carrier Material	n. a.
Connector Body Material	PA66, PBT nat. (wh), UL94V-0
Protection Class	n. a.
Pin No.	Function
1	GND
2	5VDC
3	A
4	B
5	A\
6	B\
7	I
8	I\
9	n.c.
10	n.c.
11	n.c.
12	Shield

30 CONNECTOR		
JST XHP-8 / Contact: SXH-001T-P0.6		
Contact Resistance	mΩ	≤10
Contact Material	Phosphor bronze, Tin plated	
Contact Carrier Material	n. a.	
Connector Body Material	PA6, natural (white), UL94V-0	
Protection Class	n. a.	
Pin No.	Colour	Function
1	RD	5VDC
2	GN	A
3	WH	B
4	OG	I
5	-	n.c.
6	-	n.c.
7	-	n.c.
8	BK	GND

20 CABLE SPECIFICATION		
Cable Length	mm	175
Cable Diameter	mm	4.8
Cable Material	PVC	
Cable Color	Grey	
Conductor Insulation	SRPVC	
Conductor / Cross - Section	5xAWG26	
UL Type	UL2464	
Shielded	Yes	
Bending Radius (flexible)	-	
Bending Radius (stationary)	-	

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715		Weight: ~0.02 kg		
				Date	Name	<b>ZK-LD-CL4</b>				
				Drawn	09.03.2021					Schneid_A
				Reviewed	24.03.2021					Reith_S
				Released	24.03.2021	Reith_S	<b>20000886</b>		A4 Page 1	
01	change wire color	Reith_S	01.04.2021			State: Released				Rev: 01
REV	Rev. Text	Name	Date							