

K801t Cable Datasheet

CC, L1T 8p, L1T 8p

Connection cable for cascading EtherCAT measurement modules

Description

The signal cables are manufactured specifically for CSM. Highly durable wires are used, which are characterized by a high interference resistance and a good signal quality.

Temperature

The temperature range specified for the main cable, excluding connectors, is -40 to 150 °C. The temperature range specified for the connectors may vary depending on the type (e.g. LEMO B connector: -55 to 250 °C; D-Sub: -55 to 105 °C; Banana: -40 to 80 °C; LEMO Redel: -50 to 150 °C).

Main Cable Diameter

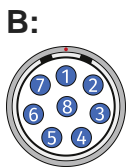
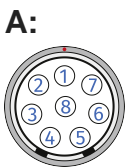
6.2 mm

Bending Radius

5 x Diameter (permanently installed)

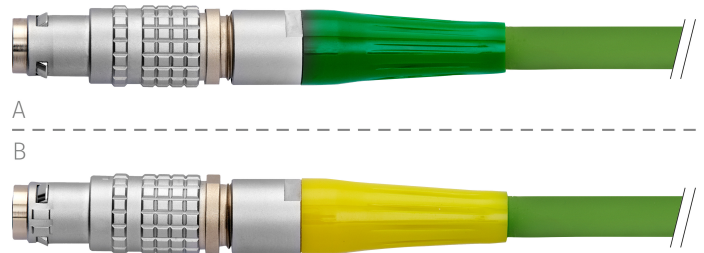
Connectors

A	L1T	8-pole	Code: L	female
B	L1T	8-pole	Code: A	male



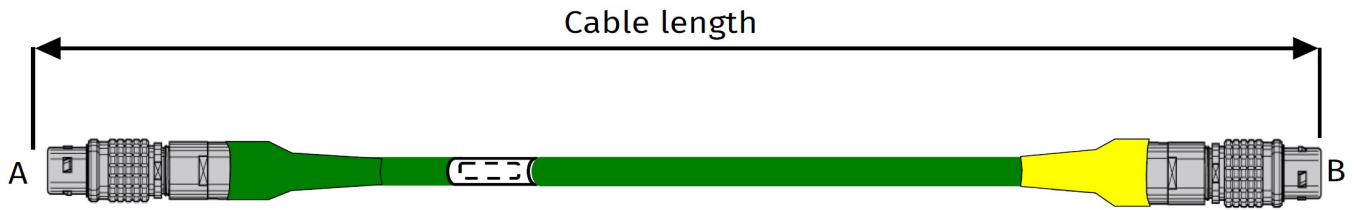
Variants

Item No.	Cable Name	Length
ART1400600	K801t-0025	0.25 m
ART1400602	K801t-0100	1 m
ART1400603	K801t-0200	2 m
ART1400604	K801t-0500	5 m
ART1400605	K801t-1000	10 m



Picture similar to actual product

Overview



Pinning

Con. A		Cable		Con. B	
Pin	Signal	Wire Color	Pin	Signal	Signal
1	Power +	green	2	Power +	
2	Power GND	black	3	Power GND	
3	Rx-	purple	5	Tx-	
4	Tx-	pink	6	Rx-	
5	Rx+	blue	8	Tx+	
6	Power GND	black	7	Power GND	
7	Power +	green	1	Power +	
8	Tx+	red	4	Rx+	
Housing	Cable shield	-	Housing	Cable shield	



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