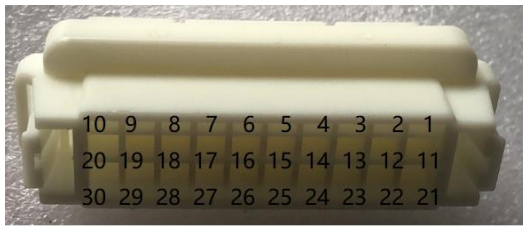


NS18 Encoder Controller Wiring Instructions

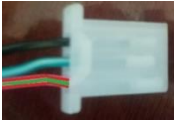
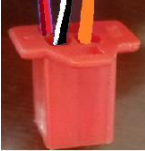
30P Definition:

1	2	3	4	5	6	7	8	9	10
A	FW2	FW	+12V	CANL	GND	GND	RE	SPA	KEY
yellow	blue/white	yellow/white	红	brown yellow	black	black	brown/white	purple	orange
11	12	13	14	15	16	17	18	19	20
BH	B	485A/RXD	FD	CANH	GND	PWM	ALARM	W	KEY
gray	green	black/red	black/white	yellow/red	black	white	brown	brown/red	orange
21	22	23	24	25	26	27	28	29	30
BL	C	485B/TXD	TEMP	-	GND	SV	ACC+	BW5V	BAT+
yellow green	blue	blue/brown	brown		black	green/white	white/red	brown/green	pink/red



Function instructions:

Connector	PIC	Descr iption	color	Definition	NO
wire length 290mm		1-Motor P	white	PWM	17
		2-Motor C	blue	C	22
		3-Motor B	green	B	12
		4-Motor A	yellow	A	1
		5- Temp	brown	TEMP	24
		7- Motor hall (GND)	black	GND	6
		8- Motor +12V	red	+12V	4
E-LOCK 290mm		E - L O C K K E Y	orange/red	KEY	10 和 20
Cruise BOOST 290mm		BOOST	brown	ALARM	18
low-level brake 290mm		GND	black	GND	26 (并)
		low-brake	yellow /green	BL	21
Simulated speedometer 290mm		Simulated speedometer	pruple	SPA	9

High-brake 290mm		High-level brake	gray	BH	11
Throttle 290mm		GND	black	GND	26 (并)
		throttle sign	green	SV	27
		power +	red	ACC+	28
Anti-theft Sign 290mm		anti-theft	black	FD	14
		phase	red	W	19
		lock	orange	KEY	20 和 10
Anti-theft power 290mm		battery +	pink	BAT+	30
		battery -	black	GND	7 (并)
High/low speed 290mm	 三芯母头套 Default High Speed)	High	yellow	FW	3
		GND	black	GND	7 (并)
		Low	blue	FW2	2
Reverse 290mm		Reverse	brown	RE	8
		GND	black	GND	16 (并)
Speed pulse 290mm		Speed pulse	blue	SPD	13 (并)
upgrade line 190mm	 Blue-tooth built-in, needn't used	bluetooth power	brown	BW5V	29
		serial input	红黑	485A/RXD	13 (并)
		serial output	棕蓝	485B/TXD	23
		GND	黑	GND	16 (并)
290mm (NO USE)		CAN HIGH	红黄或紫白	CANH	15
290mm (NO USE)		CAN LOW	棕黄	CANL	5