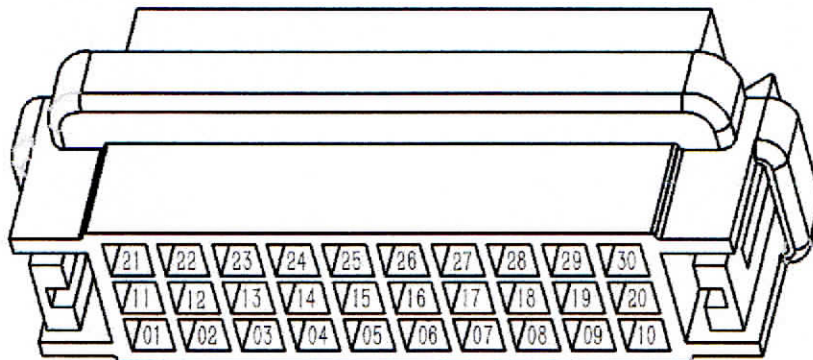




LBMC072122HK3A

Connector Descriptions



Pin	Function	Voltage range	Pin	Function	Voltage range
1	HALL Sensor A	0~3.3V	16	GND	0V
2	Low Gear Input	0~5V	17	Reserve Input	0~5V
3	High Gear Input	0~5V	18	Cruise Input	0~5V
4	HALL Sensor 5V	5V	19	Wheel Sensor Alarm	0~B+
5	Single-Stand 5V or CANL ¹	5V 0~5V	20	Anti theft Device ACC	B+
6	HALL Sensor GND	0V	21	Brake(Low Active)	0~5V
7	Anti theft Device GND	0V	22	HALL Sensor C	0~3.3V
8	Reverse Input	0~5V	23	RX/485B	0~5V
9	Wheel Sensor Output or Motor Temperature ²	0~B+ 0~3.3V	24	Reserve Input	0~5V
10	ACC	B+	25	Reserve Input	0~5V
11	Brake(High Active)	0~12V	26	Throttle GND	0V
12	HALL Sensor B	0~3.3V	27	Throttle Signal	0~5V
13	TX/485A	0~5V	28	Throttle 5V	5V
14	Anti theft Signal	0~5V	29	GUI 3.3V	0~3.3V
15	Reserve Input or CANH ¹	0~5V 0~5V	30	Anti theft Device B+	B+

B+ is the battery voltage; Note 1: limit for HK3AC and HJ3AC; Note2: limit for HK3AC and HJ3AC.