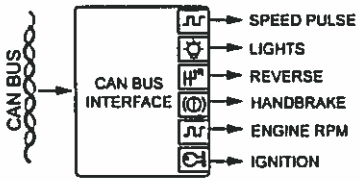
Part no: CB-6

Function

The CAN Bus interface is designed to provide a vehicle speed signal for vehicles using a CAN Bus system. It is programmed to automatically detect the vehicle type and it will give a frequency output of approximately 1Hz per mph. The CB-6 CAN Interface is versatile multi output device for obtaining vehicle speed pulse, engine speed, illumination*, reverse gear*, handbrake* and ignition signals from most CAN Bus equipped vehicles. NOTE: The ignition output on the CB-6 is inverse, it is at 12v when the ignition is off and 0v when the ignition is on. This is so that the coil of a relay can be connected from a constant 12v supply on the vehicle to the output on the CAN interface and the relay will be energized when the output is low. Any relay with a coil impedance of 600hms or greater will work.
*Dependant on vehicle configuration

Feature

The CB-6 features built-in diagnostic LEDs to indicate CAN Bus status and speed pulse output to aid the installation process.



Module Information

CAN Bus Interface CB-6

I/O	Function	Wire Colour
I	Ground	Black
I	CAN High	Yellow
O	Output 1 – **Lights**	Brown
O	Output 3 – **Reverse**	Purple
O	Output 6 – **Ignition feed – Please fit 2A fuse**	Grey
I	+12v supply	Red
I	CAN Low	Blue
O	Output 2 – **Park Brake**	White
O	Output 4 - **RPM**	Green
O	Output 5 – **Speed Pulse**	Orange

Output specification	
Vehicle speed	Approximately 3600 pulses per mile
Engine speed	2 pulses per revolution
Lights On/Off	12v = On, 0v = Off
Reverse signal	12v = Reverse, 0v = Forward
Handbrake signal	0v = On, 12v = Off
Ignition feed	Inverse signal, 12v when ignition off, 0v when ignition on. Relay required.
Inputs	
Power	+12v DC approx 30mA

See CAN application list for vehicle coverage.