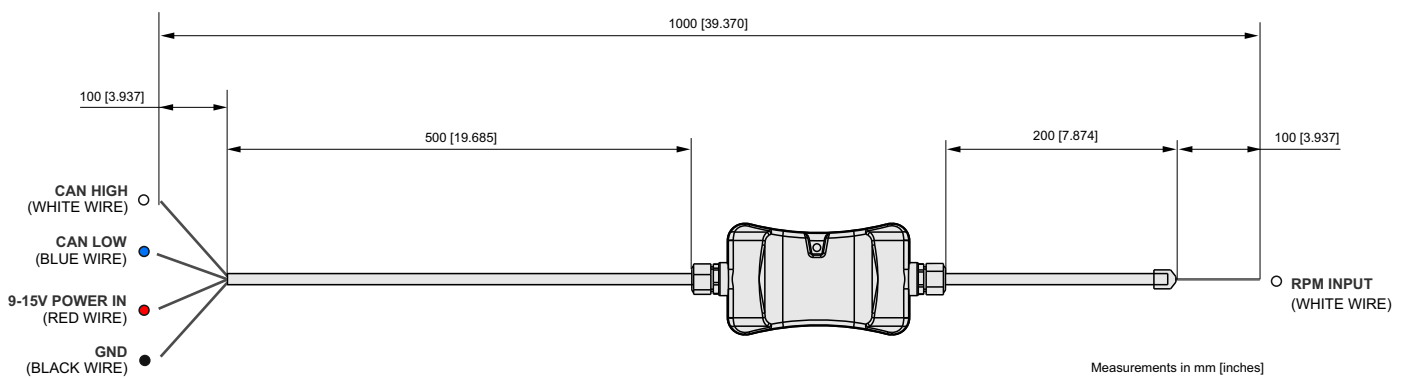
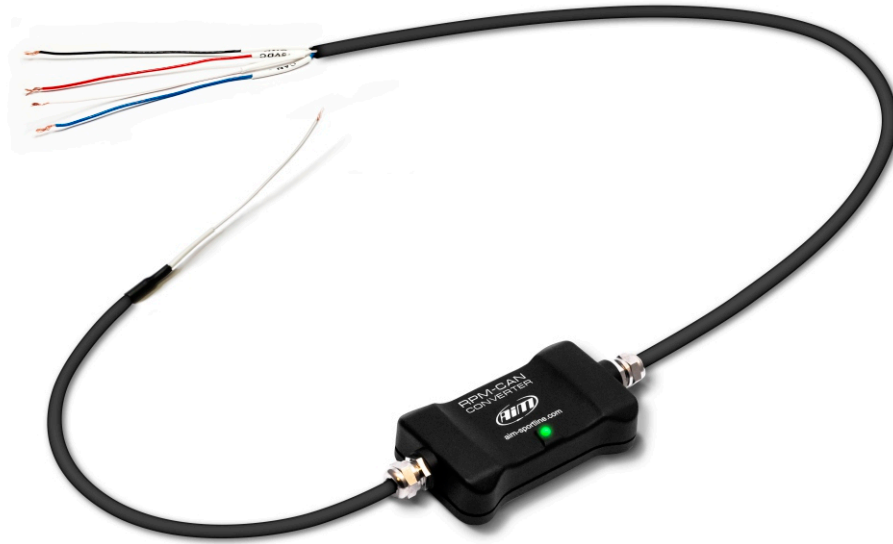




# RPM-CAN Converter

AiM device add-on





# RPM-CAN Converter

AiM device add-on

## Technical specifications

The RPM-CAN Converter may read **the signal** from:

- the low voltage of the coil (150 to 400 V)
- a square wave signal (5 to 50 V)

and transmit the **RPM value** on the CAN BUS using the following protocol:

- Rate: 1Mbit/s
- ID CAN: 0x200
- Endianness: Little Endian
- Start Bit: 0
- Length: 32-bit

If you connect the RPM-CAN Converter to an AiM device, please, follow the next steps:

- Connect the RPM-CAN Converter to the ECU input of the AiM device
- Select the ECU Protocol "AIM-RPM\_CAN\_CONV" in the device configuration, in order to receive the RPM value from the RPM-CAN Converter.

ECU: **AIM - RPM\_CAN\_CONV (ver. 02.00.00) 1 Mbit/sec** Change ECU

Enable the CAN Bus 120 Ohm Resistor

Silent on CAN Bus

Enabled Channels (Max. 120) 1 / 3

ID	<input checked="" type="checkbox"/>	Name	Function	Unit	Freq
CC01	<input checked="" type="checkbox"/>	RPM	Engine RPM	rpm	10 Hz
CC02	<input type="checkbox"/>	RPMX2	Engine RPM	rpm	10 Hz
CC03	<input type="checkbox"/>	RPMdiv2	Engine RPM	rpm	10 Hz

Select the desired RPM multiplier factor, in dependence upon your engine and the number of sparks per revolution.

## Part number

**X05RPMCANCVO** RPM-CAN Converter