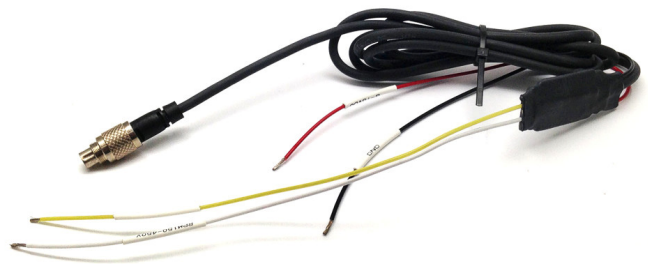AiM Infotech

RPM coil adapter for EVO4

Release 1.02
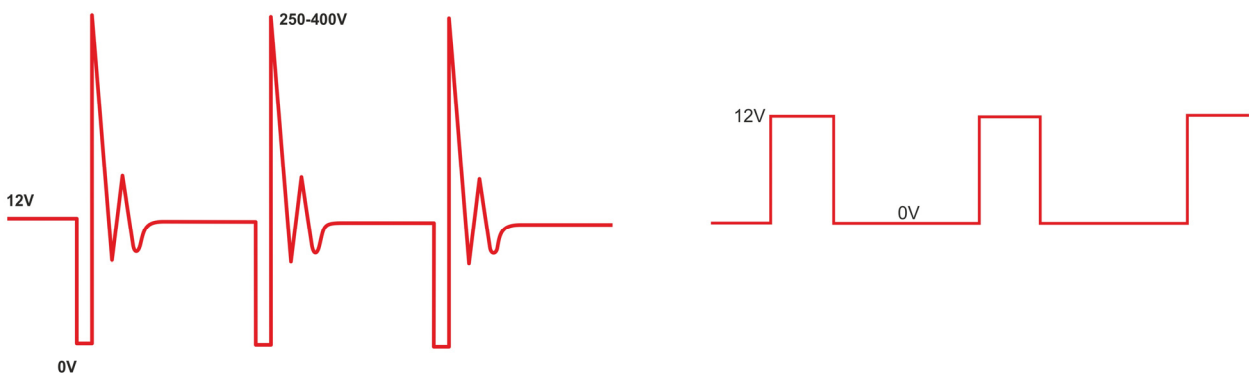
This datasheet explains how to connect RPM coil adapter for EVO4 and sample RPM signal.

This adapter **part number** is: **X50AARPM040**

1
Introduction

RPM coil adapter has been properly designed to be connected to EVO4. It filters the signal out coming from the coil before it enters EVO4, reducing noise and generating the square wave. The output signal is a square wave. Images here below show – on the left – RPM signal out coming from the coil and – on the right – the signal filtered to square wave.

2
Connecting RPM coil adapter

With reference to the image here below, to install the adapter:
* connect the cable that ends with a 5 pins Binder 712 male connector to RPM input of EVO4
* connect the black cable labelled GND to a ground (i.e. the battery negative, logger GND reference)
* connect the red cable labelled 9-15 VDC to a switched 12V power supply
* connect the white cable labelled RPM 150-450V to the coil low voltage input.

The yellow cable labelled DIGIT OUT is EVO4 digital output.