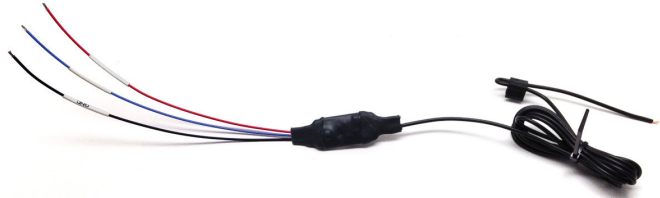


AiM Infotech

Spark plug inductive RPM adapter – ARP05

Release 1.03



This datasheet explains how to connect spark plug inductive RPM adapter and sample RPM signal.

This adapter **part number** is: **X10ADRPM000**

1

Introduction

Spark RPM adapter has been designed for installation on single-cylinder 2 or 4 strokes engines. It is a filter that converts RPM signal sampled by induction from the spark plug in a square wave signal. Images here below show the signal sampled by induction on the left and the square wave signal on the right.



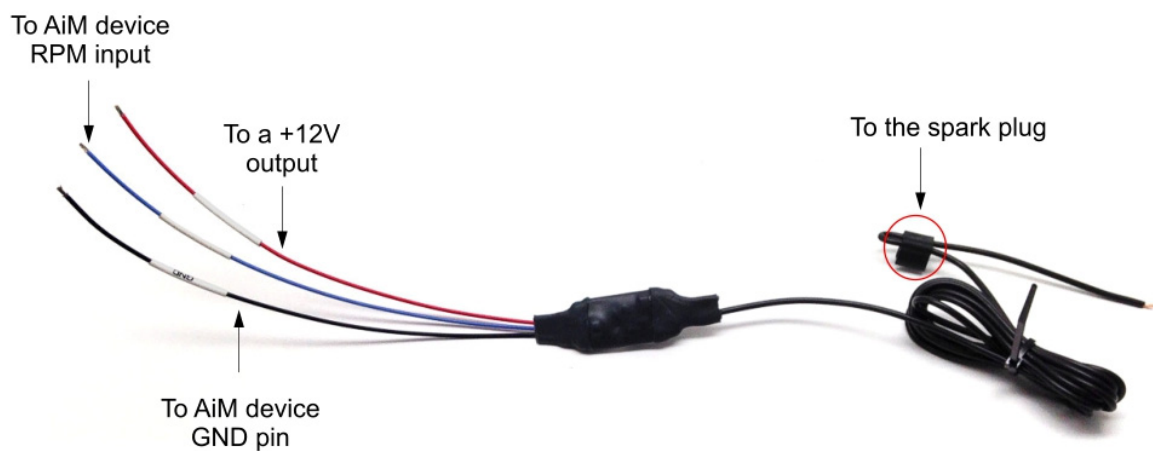
2

Connection of inductive RPM adapter

To install the adapter connect the plastic clip to the spark plug and the cables as follows:

- the black cable labelled "GND" to the device GND pin
- the red cable labelled "9-15 VDC" to a +12V output (the battery positive pole for example)
- the blue cable labelled "RPM" to AiM device RPM input.

Please always refer to each AiM device user manual or pinout for further information. All information are freely downloadable from download area of AiM website.



The drawing there below shows the adapter correctly installed.

