



0-150 PSI pressure sensor

**AIM can not be held responsible for wrong mountings made by the user. It is suggested to make installation at a specialised garage.**

# 1 – Sensor configuration with MXL and EVO systems

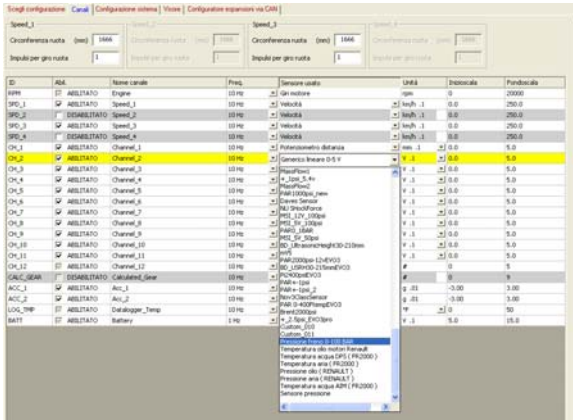
After sensor installation and connection to AIM data logger, making sure that the channel the sensor is connected to has a +Vb output, it is required to configure the logger so to sample correct data. Configuration must be done using Race Studio 2 software, properly designed and developed by AIM, downloadable for free from [www.aim-sportline.com](http://www.aim-sportline.com). Refer to software installation manual for software and AIM USB driver installation.

## 1.1 – Setting the sensor on the channel

In order to sample the information transmitted by the sensor, the analog channel to which it has been connected must be set. The image on the right shows an EVO3 Pro channels table.

The sensor appears in the list under the name “MSI 0-150 PSI”, in the “Used sensor” column.

Select the measure unit: Bar or PSI. It is reminded to select a channel that has a +Vb output.

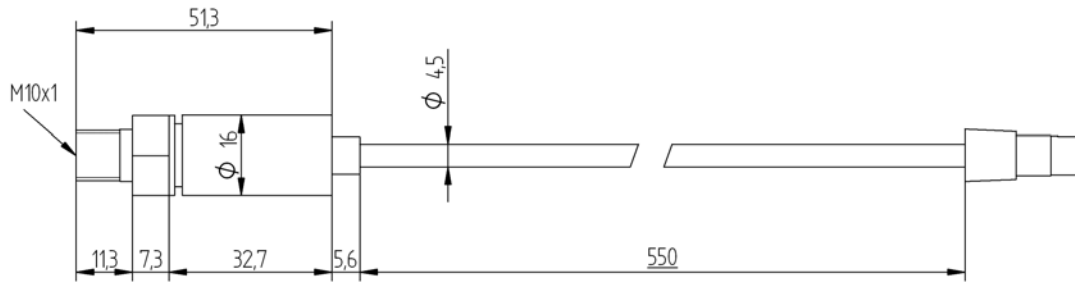


## 1.2 – Transmitting the configuration

Once the sensor has been correctly configured and set on the desired channel, it is necessary to transmit the configuration to the logger through **Race Studio Configuration**.

**Warning: refer to Race Studio Configuration user manual for any information concerning “Channels” table as well as for any information concerning AIM logger configurations not expressly introduced in this tutorial.**

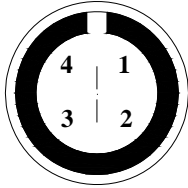
## 2 – Dimensions, pinout and technical features



Sensor 0-150 PSI – Dimensions in millimetres

### 2.1 – Pinout

0-150 PSI Sensor		
Pin	Function	Cable colour
1	Pressure signal 1-5V	White
2	GND	Black
3	Power 10-30 V	Red
4	Not connected	



4 pins Binder 719 male connector pinout:  
solder termination view

### 2.2 – Technical Features

0-150 PSI Sensor	
General characteristics	Value
Measure range	0-150 PSI
Output signal	1-5 V
Power	10-30 V
Cable length	60 cm
Extension	Not included
Thread	M10x1

## 3 – Part Number

0-150 PSI sensor kit number is: **X05SNP13441**