AiM Infotech

Pressure sensor
0-100 bar/0-1450 PSI
Race Studio 2 configuration

Release 1.00

1 Introduction

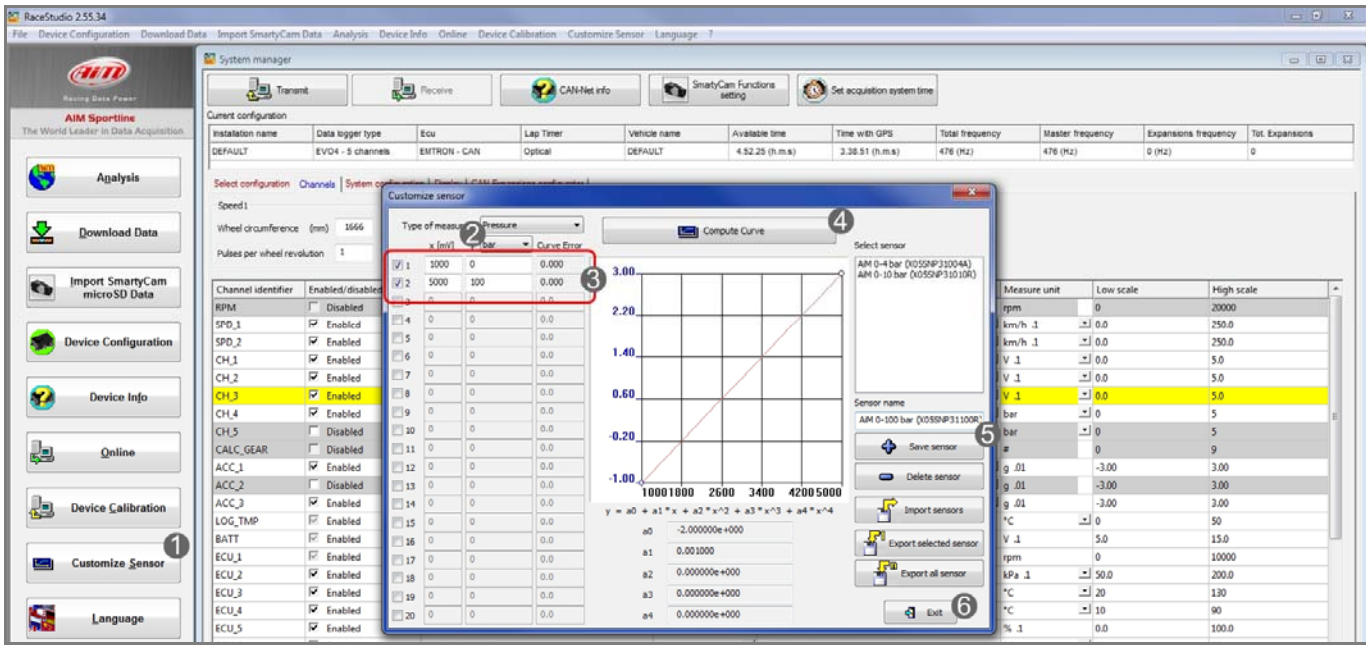
Once pressure sensor 0-100 bar is physically connected to one of the channels of AiM device it has to be loaded in the related configuration using AiM configuration software. In this datasheet it is loaded using **Race Studio 2** software.

2 Setup with Race Studio 2

- with the device switched on and connected to the PC run the software and select the logger the sensor is connected to; create a custom sensor pressing "Customize sensor" (**1**)
- select the type of measure (Pressure) and the unit of measure (bar) (**2**)
- complete the first two rows of the table on the left as follows (**3**):

X [Mv]	Y [Bar]
1000	0
5000	100

- press "Compute curve" (**4**), fill in sensor name – in the example AiM 0-100 bar (X05SNP31100R) – and press "Save sensor" (**5**); press "Exit" (**6**)



To set the sensor in the logger configuration:

- enter "Channels" layer
- set the sensor on a channel selecting "AiM 0-100 bar (X05SNP31100R)" in sensor type column of the desired channel (in the example channel 3)
- press "Transmit"