AiM Infotech

Car/bike linear
potentiometer
Race Studio 2 configuration
– suspensions

Release 1.00

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Introduction

The car/bike linear potentiometer is supported by both AiM configuration software and can measure the dampers compression or extension as well as the steering rotation measured through the rack displacement. In this datasheet you will:

- load it in the logger configuration using **Race Studio 2**
- use it to measure **dampers** compression or extension

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Setup with Race Studio 2

To load the potentiometer in AiM logger configuration, with the logger switched on and connected to the PC:

- run the software, select the logger in use and the configuration to set the potentiometer on
- enter "Channels" layer, select the channel where to set the potentiometer on (in the example channel 3) and select "Distance potentiometer" in "Sensor type" column as shown here below.
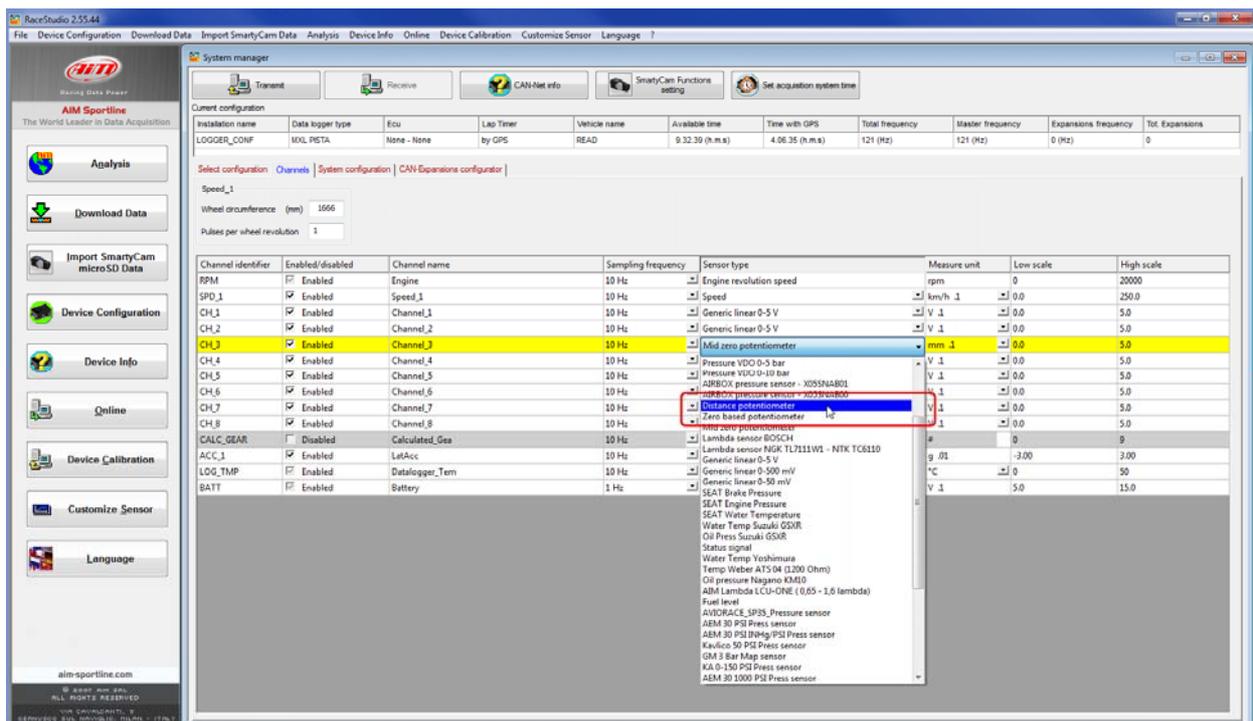
- click out of the cell, a panel appears bottom left of the layer as below: **please ensure to always scroll the page to bottom**
- insert potentiometer maximum travel (in the example 75 mm)
- transmit the configuration to the logger pressing "Transmit" in the software top keyboard.
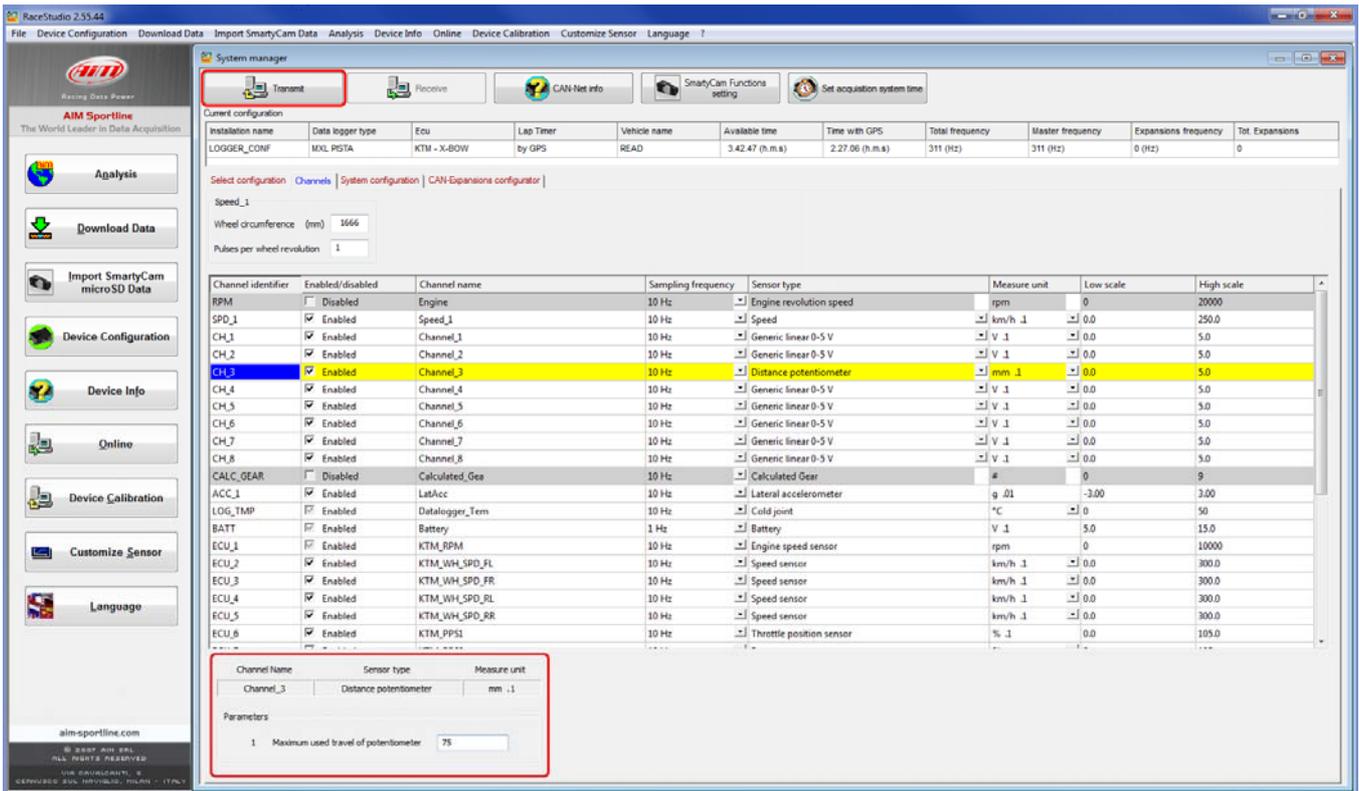
- Press "Device calibration"
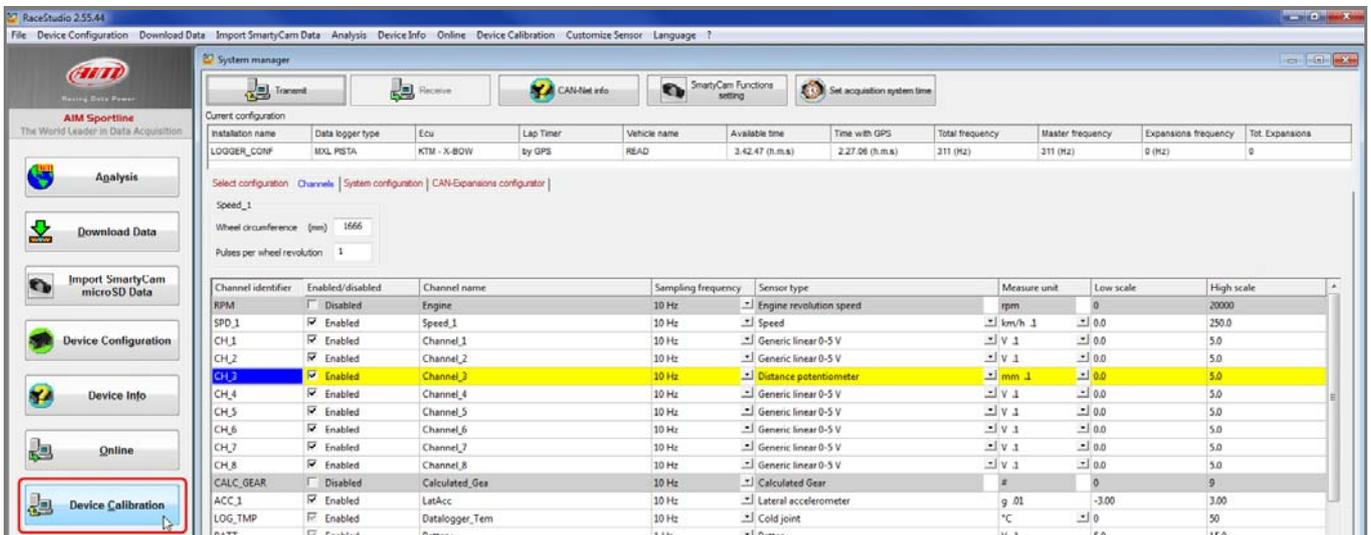
Calibration panel shows up:
- Press "Calibrate" button of distance potentiometer
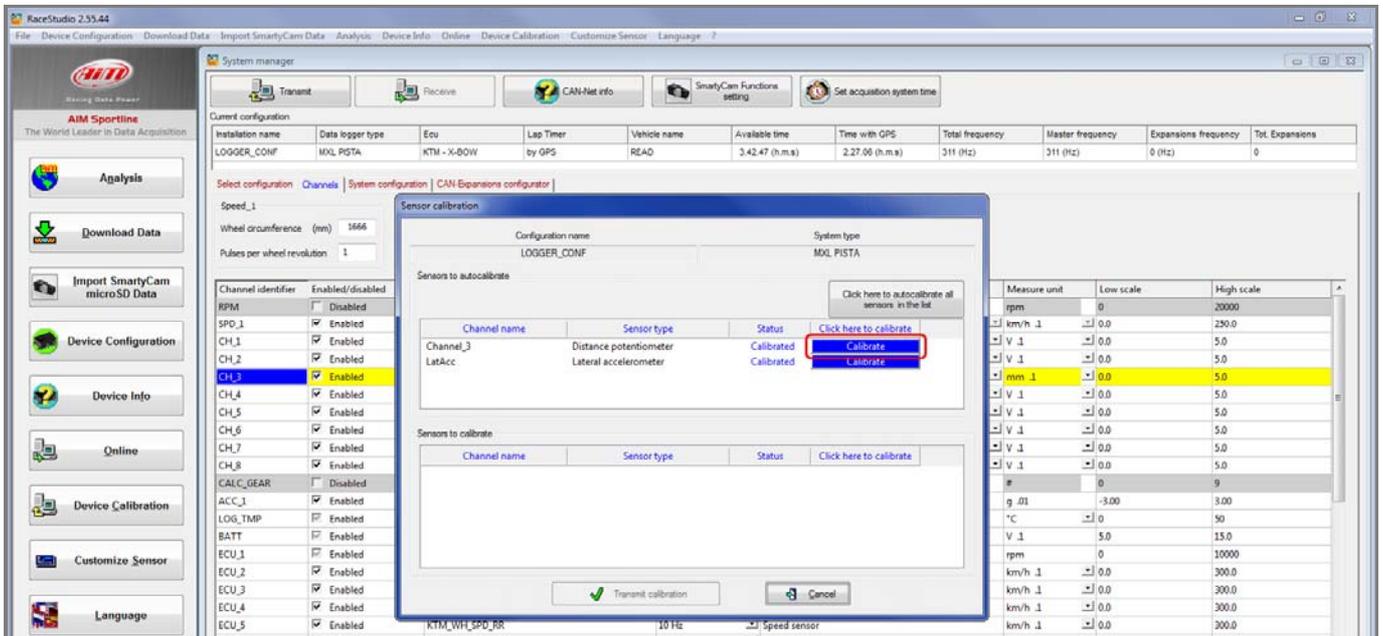
Once the calibration over potentiometer status will be red and turn to "Calibrated":
- Transmit the calibration to the logger pressing "Transmit Calibration"