AiM InfoTech

Configuration with Race Studio3 of AiM UTV/ATV infrared Transmission Belt temperature sensor

Release 1.01

AiM

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Introduction

Once the transmission belt infrared temperature sensor is physically connected to one of the analog channels of AiM device it has to be loaded in the related configuration using AiM Race Studio 3 software.

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Setup with Race Studio 3

To configure the sensor in the device configuration, keeping it connected to the PC and turned on, run the software and select the device configuration to load the sensor on or create a new one. The software enters channel tab. Select the channel where to set the sensor on and configure the panel that is prompted.

Please note: different AiM devices have a different channels management; this is why the configuration panel changes according to the device you are configuring.

AiM devices that manage the channels **only as analog** are:
* EVO4S
* EVO5
* MXm
* MXL2/MXG/MXS/MXS Strada

To configure the sensor (in the example the logger to be configured is an MXm):
- Click the channel where to set the sensor on (Chanel01 in the example)
- "Channel setting" panel is prompted: select "Temperature – > Belt Temperature" function.
- The software sets the sensor as "CVT Belt Temp -20+250 C (X05ITS01A0) as shown here below
- Press "Save"

AiM devices that manage the channels **both as analog and digital** are:

- MXS1.2/MXP/MXG1.2
- MXS1.3/MXP1.3/MXG1.3
- MXS1.2 Strada/MXP Strada/MXG1.2 Strada
- MXS1.3 Strada/MXP1.3 Strada/MXG1.3 Strada
- MXsl
- PDM08/PDM32

To configure the sensor (in the example the logger to be configured is an MXS):

- Click the channel where to set the sensor on
- "Channel setting" panel is prompted: select "Analog" management
- Select "Temperature – > Belt Temperature "function
- the software sets the sensor as "CVT Belt Temp -20+250 C (X05ITS01A0)"
- Press "Save"