

Title (en)
CALIBRATION COEFFICIENTS FOR SENSOR BASED MEASUREMENTS

Title (de)
KALIBRATIONSKOEFFIZIENTEN FÜR MESSUNGEN AUF SENSORBASIS

Title (fr)
COEFFICIENTS D'ÉTALONNAGE POUR MESURES FAITES PAR CAPTEURS

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Abstract (en)
[origin: GB2464734A] A method of providing device specific calibration data for a sensor device, comprises providing a sensor device is a region whose environment is to be monitored, the sensor device comprising at least a portion which is responsive to a selected condition of the region, a transmitter portion and a memory portion. Generic calibration data associated with a group of sensors into which the sensor device falls is then stored in a database remote from the sensor device, and at least correction data for use in modifying the generic calibration data to more accurately fit the actual calibration data of the sensor device is stored in the memory portion of the sensor device. The sensor device is interrogated with an interrogator device to obtain the correction data, and the generic calibration data relating to the sensor device is retrieved from the database and modified using the correction data to produce sensor device specific calibration data. An embodiment is described where the sensors are SAW type tyre pressure sensors and temperature sensors.

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