DATASHEET

DIGISENS RANGE

CALSENS SOFTWARE

Optimize the performance of the digital sensors.

- Intuitive and friendly software,
- Optimization of DIGISENS sensor's calibration
- Display / Record real time measurement
- Tool dedicated to MODBUS protocol integration support

CALSENS software is designed for the optimization and exploiting the data of the PONSEL DIGISENS range (digital sensors). Simple, friendly and intuitive this is a support to configure the sensors, the calibration menu, to follow in real time the measurement of the selected parameters and to record the measured parameters.

Configuration of the sensors :

The features of the software gives the possibility to visualize the statue of every parameter : Serial number, software version, measurement ranges, unit, working status..
The addressing of the sensors offers the possibility to view and modify Modbus and SDI12 addresses.
According to the type of measured parameter, it can also be possible to configure the Temperature compensations, pressure, salinity..

Control your calibrations :

CALSENS also offers the possibility to calibrate all the sensors of the DIGISENS range, to visualize the history of the last 10 calibrations and to re-inject the manufacturer calibration coefficients or corresponding to a chosen calibration.

The History of calibration is a tool allowing the traceability and the follow-up of the ageing of the sensors.

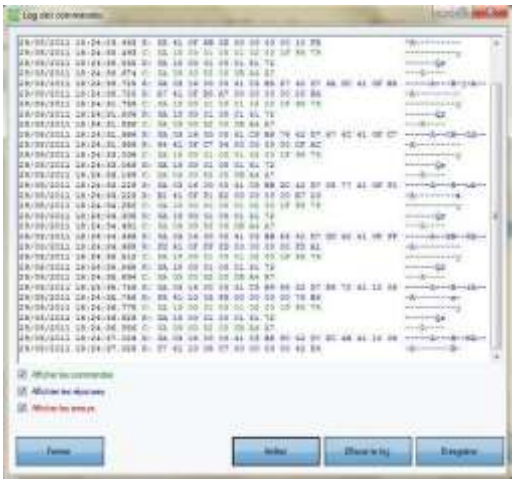
Record your measures :

Performing and flexible, the recording measurement menu gives the possibility to select the parameters to be recorded, the averaging value of the measurement, the frequency of acquisition (from 1 second) and also to take in account some compensations configurations (temperature, pressure, salinity).

Optimize the integration of your sensors :

CALSENS is your partner to integrate the MODBUS communication protocol of the sensors.

The software allows watching and recording all commands, the sensors signal and eventual errors linked to measurement and/or calibrations issues.



Junction box for sensor connection to the computer :

The Module 4200, RS485/USB convertor, allows to connect 1 up to 4 digital sensors to the computer in the same time.

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