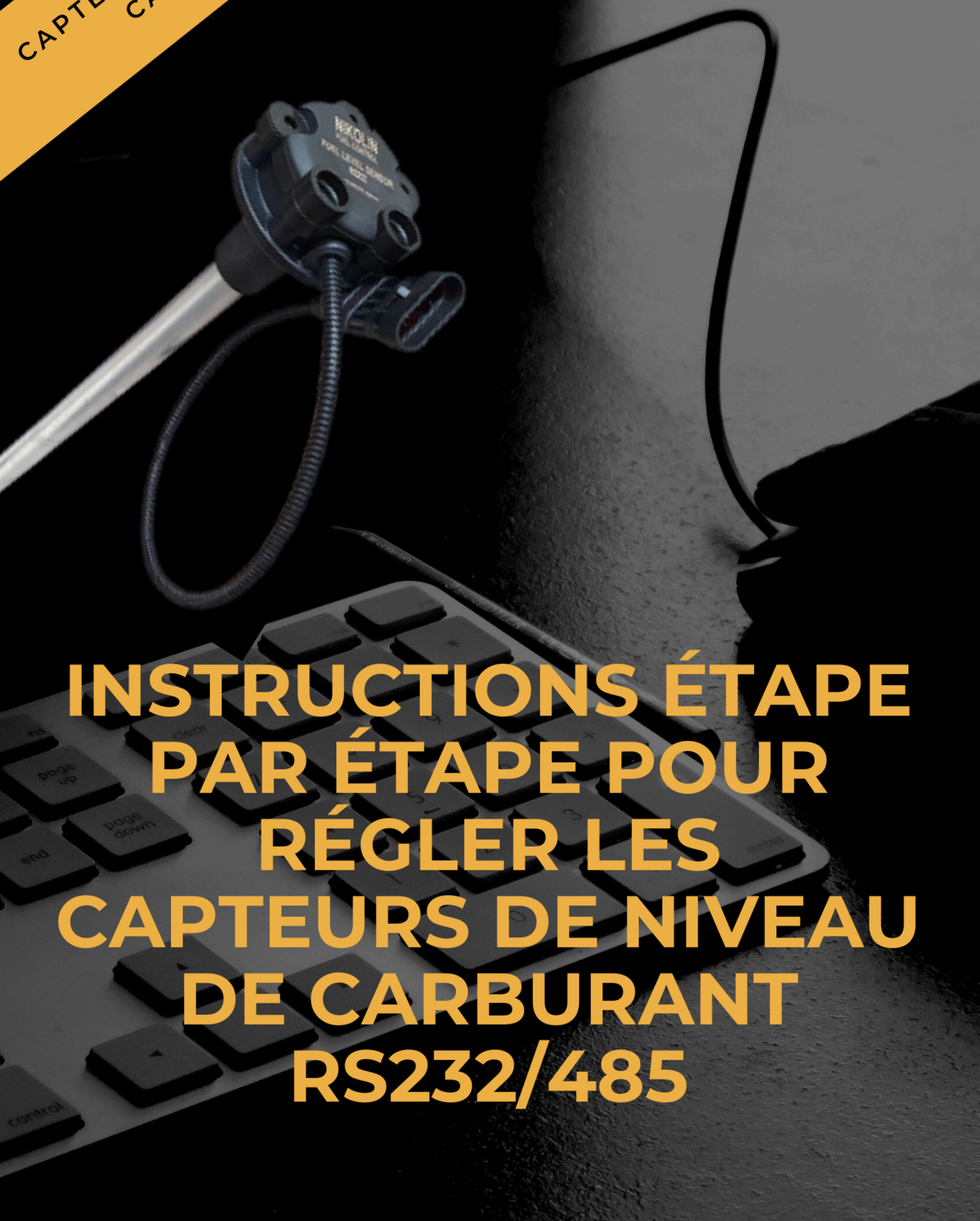




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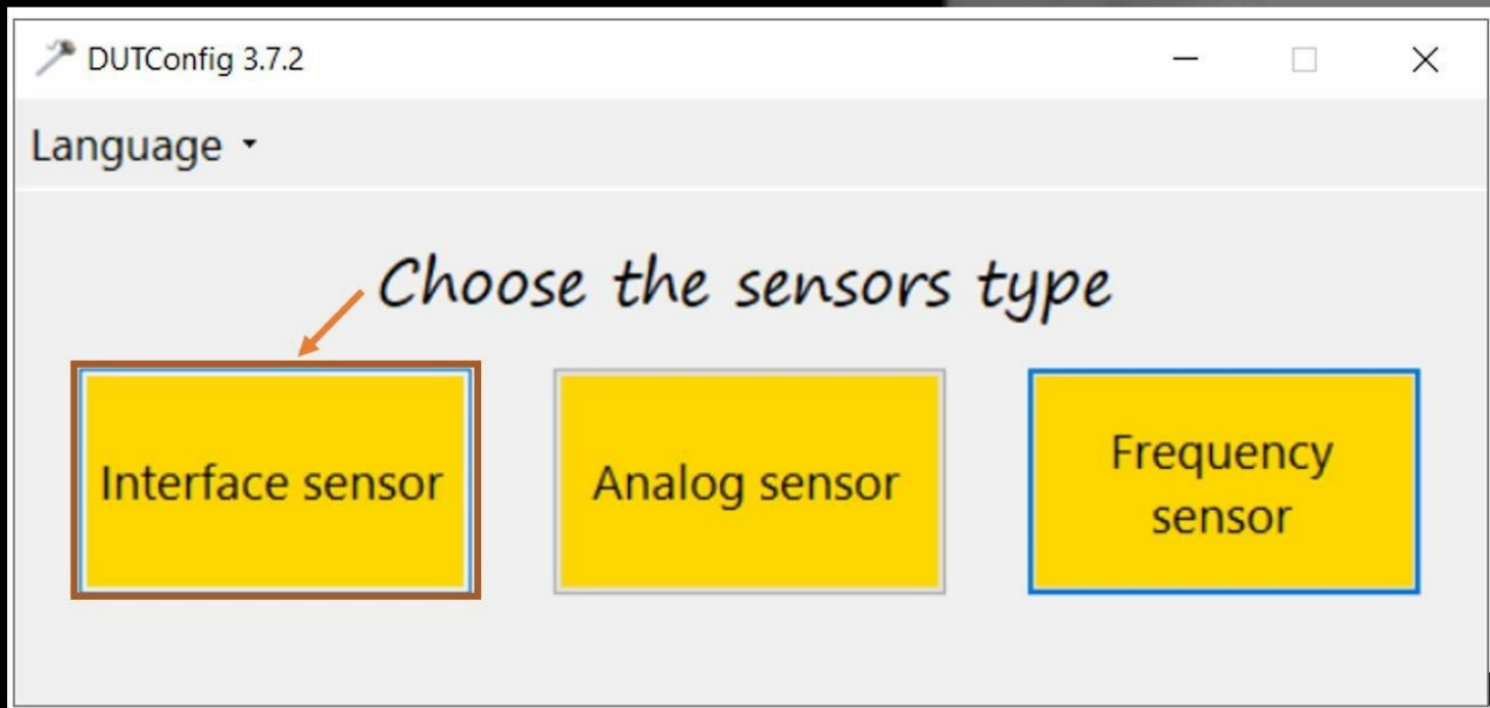
**CAPTEURS DE NIVEAU DE
CARBURANT**



**INSTRUCTIONS ÉTAPE
PAR ÉTAPE POUR
RÉGLER LES
CAPTEURS DE NIVEAU
DE CARBURANT
RS232/485**

NIKOLIN LTD.

ÉTAPE 1



1. **Démarrez le programme DUTConfig 3.7.2 (téléchargez-vous sur notre site nikolin.spb.ru/Download/). Si les pilotes ne sont pas installés sur votre ordinateur portable, vous pouvez les télécharger de la même manière.**

Choisir la langue. Sélectionnez « capteur d'interface ».

Attention : la couleur des fils sur le capteur.

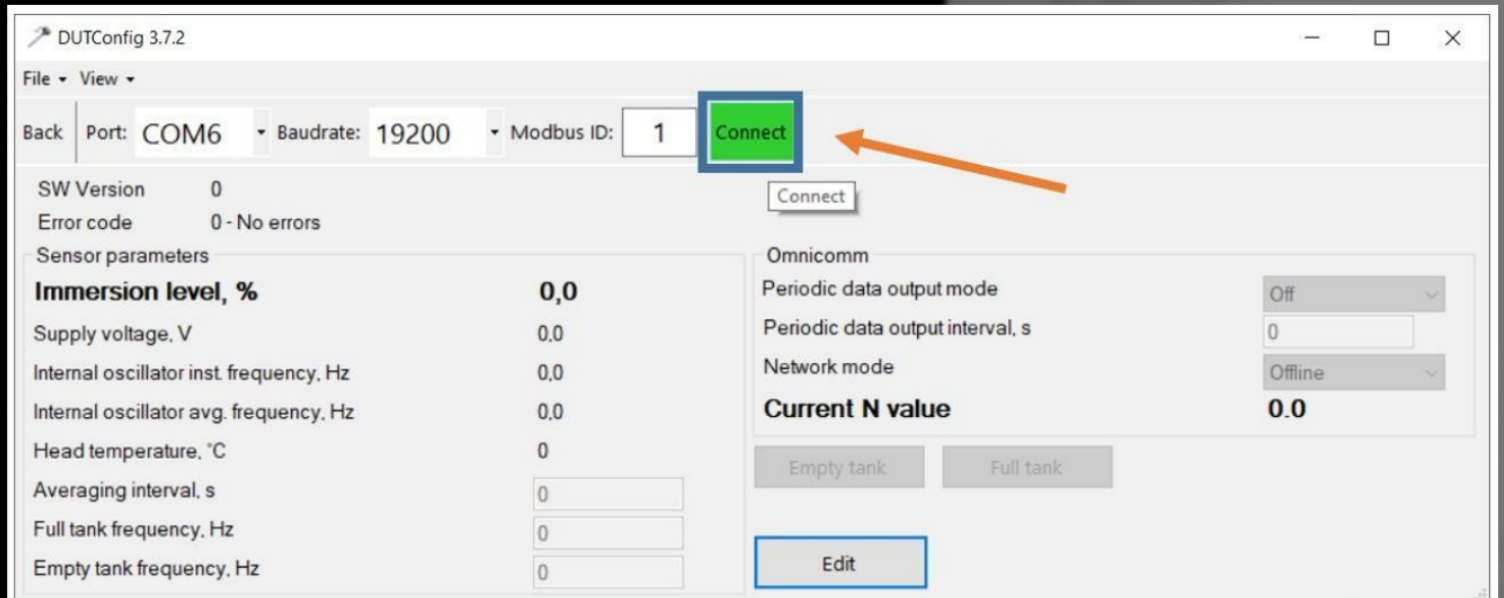
Bleu +

Brun -

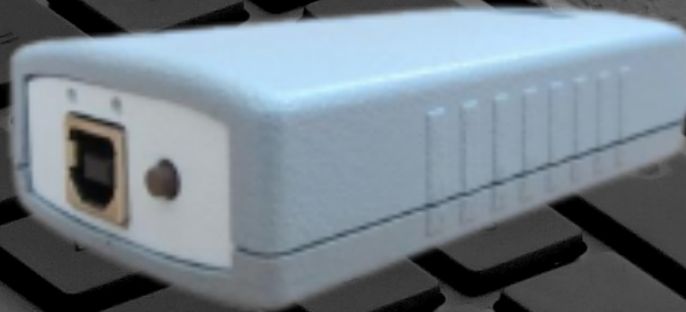
RX jaune (A)

Noir TX (B)

ÉTAPE 2

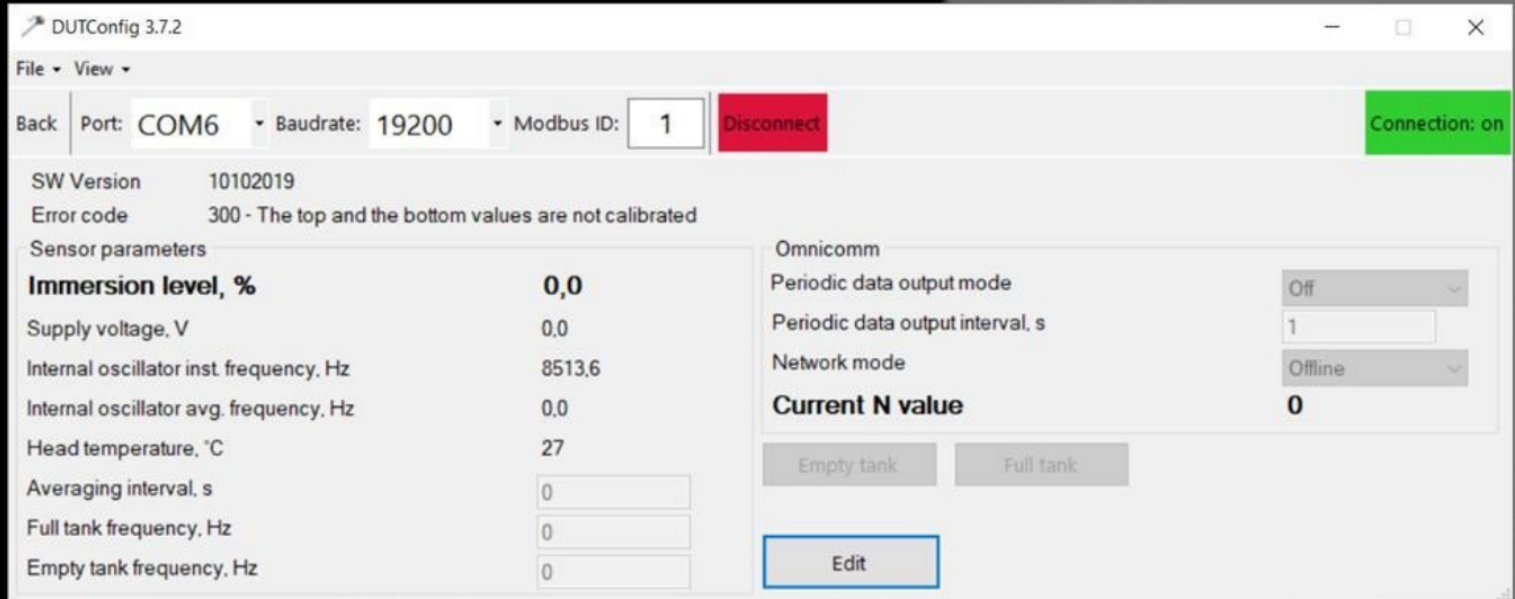


2. Utilisez le bouton à l'arrière de l'adaptateur USB, vous pouvez choisir le mode de fonctionnement. RS232 ou RS485
La lampe verte brillante correspondra à l'interface que vous avez sélectionnée.



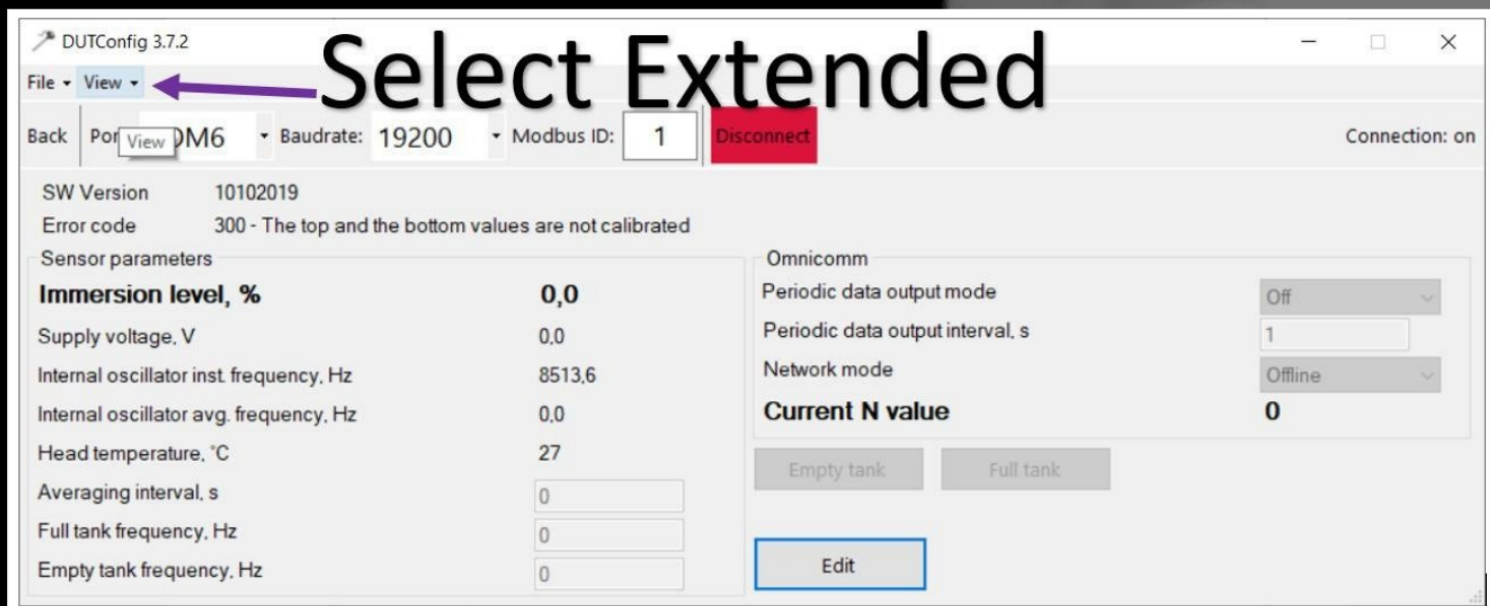
Cliquez sur le bouton "Connecter".

ÉTAPE 3



3. La connexion au capteur sera établie. Dans le coin supérieur droit, "Connection: on" s'allume en vert.

Select Extended



4. Sélectionnez le mode de fonctionnement étendu.

ÉTAPE 5

DUTConfig 3.7.2

File View Change firmware Thermocompensation

Back Port: COM6 Baudrate: 19200 Modbus ID: 1 Disconnect Connection: on

SW Version 10102019
Error code 300 - The top and the bottom values are not calibrated

Sensor parameters

Immersion level, % 0,0

Sensor readings, l 0.0
Supply voltage, V 0.0
Internal oscillator avg. frequency, Hz 0.0
Internal oscillator inst frequency, Hz 8513,6
Temperature sensor ON Off
Head temperature, °C 27
Approximation type Piecewise-linear
The number of approximation points 2
Averaging type Running average
Averaging interval, s 0
Full tank frequency, Hz 0
Empty tank frequency, Hz 0
Output frequency range, Hz 1000

Omnicom

Periodic data output mode Off
Periodic data output interval, s 1
Network mode Offline
Maximum N value 1023
Current N value 0

	Immersion level, %	Fuel volume, l
▶	0	0
	100	100
*		

Clear Empty tank Full tank

The graph displays a linear relationship between Immersion level (%) on the x-axis and Fuel volume (l) on the y-axis. Both axes range from 0 to 120. A green line starts at the origin (0,0) and passes through the point (100,100), indicating a 1:1 ratio.

Edit

5. Le configurateur entrera en mode de configuration avancée.

ÉTAPE 6

DUTConfig 3.7.2

File View Change firmware Thermocompensation

Back Port: COM6 Baudrate: 19200 Modbus ID: 1 Disconnect Connection: on

SW Version 10102019
Error code 300 - The top and the bottom values are not calibrated

Sensor parameters

Immersion level, % 0,0

Sensor readings, l 0,0
Supply voltage, V 0,0
Internal oscillator avg. frequency, Hz 0,0
Internal oscillator inst. frequency, Hz 8513,6
Temperature sensor ON Off
Head temperature, °C 28
Approximation type Piecewise-linear
The number of approximation points 2
Averaging type Running average
Averaging interval, s 0
Full tank frequency, Hz 0
Empty tank frequency, Hz 0
Output frequency range, Hz 1000

Omnicom

Periodic data output mode Off
Periodic data output interval, s 1
Network mode Offline
Maximum N value 1023
Current N value 0

Immersion level, %	Fuel volume, l
0	0
100	100
*	

Clear Empty tank Full tank

The graph displays a linear relationship between Immersion level (%) on the x-axis and Fuel volume (l) on the y-axis. The x-axis ranges from 0 to 120, and the y-axis ranges from 0 to 120. A green line starts at (0, 0) and ends at (100, 100), representing a 1:1 ratio.

Edit

6. Appuyez sur le bouton de configuration.

ÉTAPE 7

DUTConfig 3.7.2

File View Change firmware Thermocompensation

Back Port: COM6 Baudrate: 19200 Modbus ID: 1 Disconnect Connection: on

SW Version 10102019
Error code 300 - The top and the bottom values are not calibrated

Sensor parameters

Immersion level, % 0,0

Sensor readings, l 0,0

Supply voltage, V 0,0

Internal oscillator avg. frequency, Hz 0,0

Internal oscillator inst. frequency, Hz 8513,6

Temperature sensor ON Off

Head temperature, °C 28

Number of approximation points 2

Averaging type Running average

Averaging interval, s 0

Full tank frequency, Hz 0

Empty tank frequency, Hz 0

Output frequency range, Hz 0,00

Omnicom

Periodic data output mode Off

Periodic data output interval, s 1

Network mode Offline

Maximum N value 15

Current N value 0

Immersion level, %	Fuel volume, l
0	0
100	100

Clear Empty tank Full tank

click on empty sensor head

close the drain hole under the sensor head

Fill the sensor with fuel and click on the button

7. Méthode

Méthode 1. Appuyez sur le bouton « vider le réservoir ». Plongez ensuite complètement le capteur dans le carburant. (Pour cela, par exemple, vous pouvez utiliser une tasse à mesurer).

Tout en le maintenant dans cette position, appuyez sur le bouton "réservoir plein".

Méthode 2. Appuyez sur le bouton « vider le réservoir ».

Après avoir fermé le trou de vidange, retournez le capteur.

Remplissez le capteur de carburant.

Appuyez ensuite sur le bouton "réservoir plein".



ÉTAPE 8

The screenshot shows the DUTConfig 3.7.2 software interface. The top menu bar includes 'File', 'View', 'Change firmware', and 'Thermocompensation'. The connection settings are Port: COM6, Baudrate: 19200, and Modbus ID: 1. A red 'Disconnect' button is visible. The 'Connection: on' status is shown in the top right.

SW Version: 10102019
Error code: 300 - The top and the bottom values are not calibrated

Sensor parameters

Immersion level, % 0,0
Sensor readings, l 0,0
Supply voltage, V 0,0
Internal oscillator avg. frequency, Hz 0,0
Internal oscillator inst. frequency, Hz 8513,6

Temperature sensor ON **On**
Head temperature, °C 28
Approximation type **Piecewise-linear**
The number of approximation points 2
Averaging type **Running average**
Averaging interval, s 30
Full tank frequency, Hz 3980,121
Empty tank frequency, Hz 8513,626
Output frequency range, Hz 1000

Omnicom

Periodic data output mode **Off**
Periodic data output interval, s 1
Network mode **Offline**
Maximum N value **3000**
Current N value 0

set such parameters

Immersion level, %	Fuel volume, l
0	0
100	100

Buttons: Clear, Empty tank, Full tank

1000 or 3000

finish

OK Cancel

8. Définissez les valeurs mises en évidence par les flèches. Appuyez sur le bouton "OK" pour enregistrer.

ÉTAPE 9

DUTConfig 3.7.2

File View Change firmware Thermocompensation

Back Port: COM6 Baudrate: 19200 Modbus ID: 1 Connect

SW Version 10102019
Error code 300 - The top and the bottom values are not calibrated

Sensor parameters

Immersion level, % 0,0

Sensor readings, l 0,0

Supply voltage, V 0,0

Internal oscillator avg. frequency, Hz 0,0

Internal oscillator inst. frequency, Hz 8513,6

Temperature sensor ON On

Head temperature, °C 28

Approximation type Piecewise-linear

The number of approximation points 2

Averaging type Running average

Averaging interval, s 30

Full tank frequency, Hz 3980,121

Empty tank frequency, Hz 8513,626

Output frequency range, Hz 1000

Omnicom

Periodic data output mode Off

Periodic data output interval, s 1

Network mode Offline

Maximum N value 3000

Current N value 0

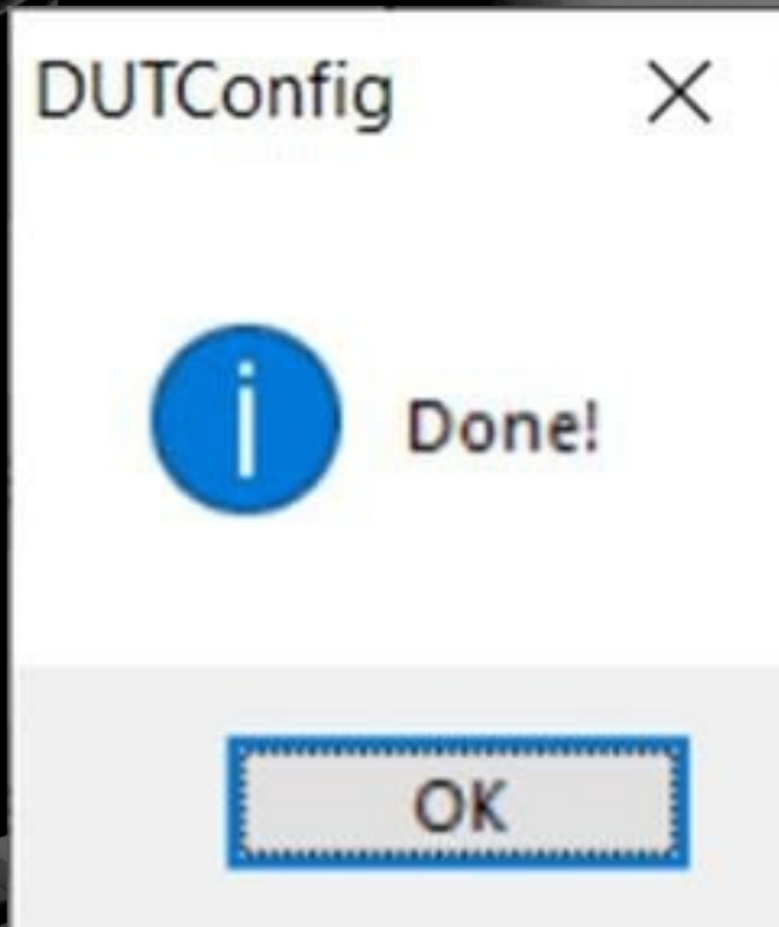
Immersion level, %	Fuel volume, l
0	0
100	100
*	

Clear Empty tank Full tank

The graph displays a linear relationship between Immersion level (%) on the x-axis and Fuel volume (l) on the y-axis. Both axes range from 0 to 120. A green line starts at the origin (0,0) and extends to the point (100,100), indicating a 1:1 ratio between immersion percentage and fuel volume.

Edit

9. Le capteur est configuré et prêt à être taré.





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