

Setup Tool

User's Manual



Table of Contents

- 1. Purpose..... 1
- 2. Tool Components..... 1
- 3. Installing..... 1
- 4. Parameter setting.....2
- 5. Parameter sending 6
- 6. Settings completed.....6

Revision History

Revision	Description
1.0	Original document

1. Purpose

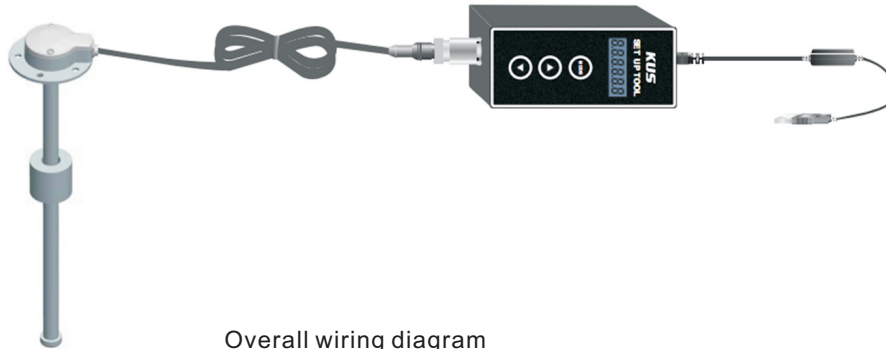
KUS Setup Tool for NMEA2000 is used for set SEAN series gauge and NS5 series sensor produced by KUS.

2. Tool Components

Quantity	Item
1	Set up tool
1	Power Adapter

3. Installing

3.1 Hardware installing, install the following chart :



Overall wiring diagram

4. Parameter

4.1 Parameter query

Use UP/DOWN to switch to Query interface.



Power on
(Product type)



Sub-product type



Instance



Tank volume

4.2 parameter setting

4.2.1 For Product type

In product type query interface, long press MODE key until LCD flashes and release; Use UP/DOWN TO select the product type(Sensor/Gauge); Long press MODE key again until LCD stops flashing. Product type setting done.



Sensor



Gauge

4.2.2 For Sub-product type

In Sub-product type query interface, long press MODE key until LCD flashes and release; Use UP/DOWN to switch the sub-product type; Long press MODE key again until LCD stops flashing.

Sub-product Setting completed.



Sub-product type

The values specific to product

Sensor		Gauge	
Value	Type	Value	Type
00	Fuel	00	Oil level gauge
01	Fresh water	01	Water level gauge
02	Waste Water	02	Holding tank
03	Live Well	03	Pressure gauge
04	Oil	04	Water temperature gauge
05	Black Water	05	Voltage gauge

4.2.3 Instance (Number) setting

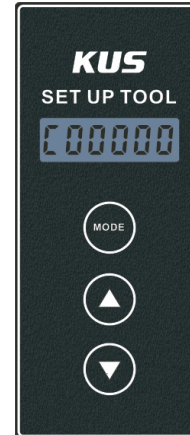
In Instance query interface, long press MODE key until LCD flashes and release; Use UP/DOWN to set Instance(number); Long press MODE key again until LCD stops flashing.
Setting completed



Instance

4.2.4 For tank volume (Only for fluid level sensor)

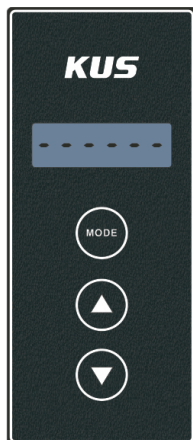
In Instance query interface, long press MODE key until LCD flashes and release; Use UP/DOWN to set tank volume(L); Long press MODE key again until LCD stops flashing.
Setting completed.



Tank Volume

5. Parameter Sending

In Parameter Query interface, short press MODE key, the set tool will send the setting information; In case short press UP/DOWN during the sending process, quit sending action.



Parameter sending

6. Setting completed

LCD will show the interface below automatically to remind the setting is completed. Short press any key, go to next setting.



Setting completed