

KUS

Setup Tool

User's Manual



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Revision History

Revision	Description
1.0	Original Document

1. Purpose

KUS Setup Tool for NMEA2000 is used for the SeaN series gauge and NS5 series sensor.

2. Tool Components

Quantity	Item
1	Setup Tool
1	Power Adapter

3. Installing

3.1 Follow the installation diagram to install the hardware.



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, press and hold the MODE key until LCD flashes and release. Use UP/DOWN to select the product type (Sensor/Gauge). Press and hold the MODE key again until LCD stops flashing.

Product type setting done.



Sensor



Gauge



Sub-product type

4.2.2 For Sub-Product Type

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

Sub-product setting completed.

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 Temp. Gauge
05	Black Water	05	Voltage Gauge

4.2.3 Instance (Number) Setting

In Instance query interface press and hold the MODE key until LCD flashes and release. Use UP/DOWN to set Instance(number). Press and hold the MODE key again until LCD stops flashing. Setting completed.



Instance

4.2.4 For Tank Volume (Only for Fluid Level Sensor)

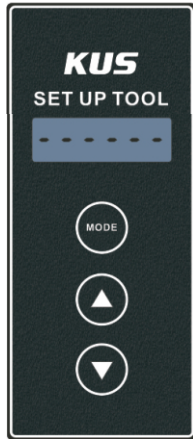
In Instance query interface press and hold the MODE key until LCD flashes and release. Use UP/DOWN to set Instance(number). Press and hold the MODE key again until LCD stops flashing. Setting completed.



Tank Volume

5. Parameter Sending

In Parameter Query interface press the MODE key; the set tool will send the information. In case 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 user that the setting is complete. Press any key, go to next setting.



Setting completed

KUS

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