User Guide for 52mm Dual Gauge Gauge

Ø52mm | 2-1/16″

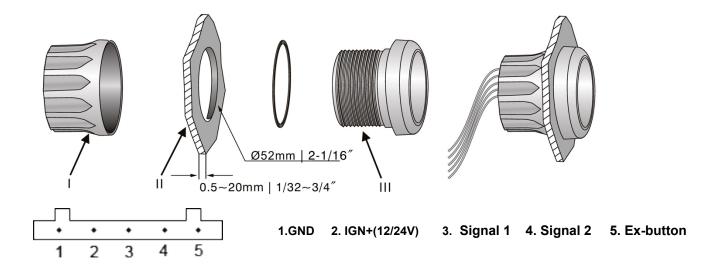0.5~20mm | 1/32~3/4″

1.GND   2. IGN+(12/24V)   3. Signal 1   4. Signal 2   5. Ex-button

INSTALLATION GUIDE

1. Cut an Φ52mm (2-1/16") hole in the panel (II) allow a clearance of 55mm (2 3/16"). behind the panel.

2. Remove fastening ring (I), insert gauge from front. Tighten gauge (III) using fastening ring (I)

3. Connect cables according to the diagram/label.

Setting Menu："Unit" "R 1" "R 2"

1. Hold & Press the button, Power On Gauge, the LED screen will show Switch Show

    Unit, R1, R2

2. **Unit**

Fuel Gauge, Water Level, HTG Sewage Level: %

Water temperature: ℃ or ℉

3. **R1---Configure Top Row Signal Range**

    Press Button to switch 000 ~006

    For example, LED will show 001, which means 0~180ohm, then release the button and wait digital flash to complete to save setting

	LED Show	Ohm Range	
Fuel Level / Water Level / HTG Sewage Level signal	000	0-190Ω	
	001	0-180Ω	
	002	10-180Ω	
	003	240-33Ω	
	004	240-30Ω	

	LED Show	Ohm Range	Temperature Range	
Water Temperature Signal	005	291.4~22.4Ω	40~120℃	104~248℉
	006	301~23Ω	40~120℃	104~248℉

4. R2---Configure Bottom Row Signal Range

Press Button to switch 000 ~006.

For example, LED will show "002" , which means 10~180ohm, then release the button and wait digital flash to complete to save setting

	LED Show	Ohm Range	
Fuel Level / Water Level / HTG Sewage Level signal	000	0-190Ω	
	001	0-180Ω	
	002	10-180Ω	
	003	240-33Ω	
	004	240-30Ω	

	LED Show	Ohm Range	Temperature Range	
Water Temperature Signal	005	291.4~22.4Ω	40~120℃	104~248℉
	006	301~23Ω	40~120℃	104~248℉

5. Alarm

The Dual Gauge has built-in Algorithm to show RED indicator when reaching the following threshold.

Gauge Type	Alarm Threshold
Fuel Level Gauge	≤20%
Water Level Gauge	≤20%
HTG Sewage Level Gauge	≥80%
Water Temperature	98±2℃
Voltage	≤10.8V