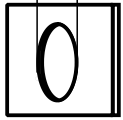


# OWNER'S MANUAL

106-00101-01 ECC

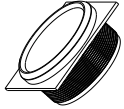
Φ85-87mm(3-2/5")



A

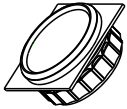
如A图, 在准备安装仪表盘面上开孔Φ85~87mm, 并保证面板后面有至少65mm的空间。

Pic A : Before installation , firstly ,to open a hole (Dia:85~87mm) of the panel, make sure there is a space with (70mm backard of panel) as well



B

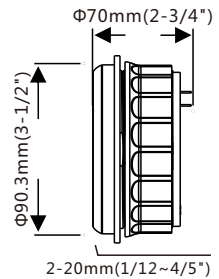
如B图, 将仪表放入开好孔的仪表盘板中  
PicB: Put the gauge in the hole



C

如C图, 将仪表调整好位置后用仪表后盖将仪表锁紧在仪表盘板上

Pic C: Mount the guage in hole, twist the back cover on after adjustment.



D

如D图, 关于外形尺寸的标注说明

Pic D: Size and annotations

## 速比调整:

- 1) 按住仪表黑色橡胶按键3秒, 进入速比设置模式, 如果松开按键3秒, 退出速比设置模式, 并自动保存所设置的数据.
- 2) 进入设置模式后, 按住按键数值一直增加, 松开按键, 再按住按键, 数字一直递减; 速比调整范围: 1-300, 调整到您想要的速比值, 松开按键3秒, 数字自动保存, 1-12速比之间, 步进值0.1, 12-300速比之间, 步进值0.5.
- 3) 如果您的传感器安装在飞轮盘上, 速比值等于发动机齿数; 如果转速信号取自W点信号, 速比值等于电极数的一半(Poles/2)

## 典型速比设置参考:

舷外机	
电极数	速比
4	2
6	3
8	4
10	5
12	6

舷内机或汽油机		
气缸数	冲程	速比
4	4	2
6	4	3
8	4	4
10	4	5
12	4	6

柴油发动机	
飞轮齿数	速比
速比=发动机飞轮齿数	



表示设置速比=96

## Speed ratio adjustment:

- 1) Press the black rubber button on the instrument for 3 seconds, then it will enter into the speed ratio setup mode, if the button is released for 3 seconds, it will exit the speed ratio setup mode, and automatically retain the setting data.
- 2) After entering the setup mode, press the button, the value will be increasing, and release the button, then press it again, the number will be decreasing; the adjustment range of speed ratio : 1-300, The stepping value is 0.1 for the range 1-12 and 0.5 for range 12-300. Adjust the ratio value to what you want, then release the button for 3 seconds, the digital automatic will automatically save.
- 3) If your transmitter is installed on the flywheel, the ratio value is equal to the number of the engine gear; if the speed signals come from w point signal, the ratio value is equal to half electrodeplate (Poles/2). If it is the gasoline engine, the speed ratio is equal to the number of cylinders (cylinder/2).

## Typical ratio setting reference:

Outboard	
poles	speed ratio
4	2
6	3
8	4
10	5
12	6

Inboard or Gas engine		
cylinder	cycle	speed ratio
4	4	2
6	4	3
8	4	4
10	4	5
12	4	6

Diesel engine	
Gear number	speed ratio
speed ratio=Gear number	



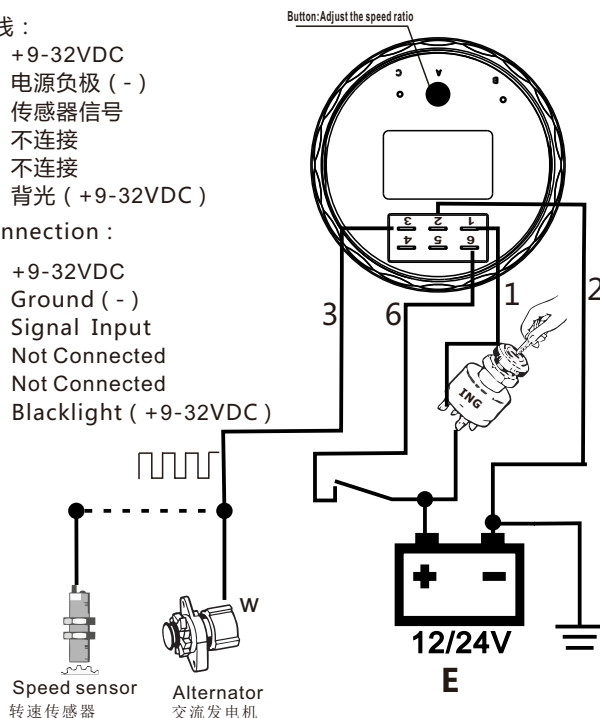
The set speed ratio=96

## 接线:

- 1、+9-32VDC
- 2、电源负极 (-)
- 3、传感器信号
- 4、不连接
- 5、不连接
- 6、背光 (+9-32VDC)

## Connection:

- 1、+9-32VDC
- 2、Ground (-)
- 3、Signal Input
- 4、Not Connected
- 5、Not Connected
- 6、Blacklight (+9-32VDC)



接线图(插片尺寸: 6.3X0.8mm).

Wires Connecting(Terminal size:6.3x0.8mm)

## 技术参数:

工作电压: 9~32VDC,  
工作电流: ≤60mA;  
工作温度: -30~+75°C  
存储温度: -40~+85°C。

## Specification:

Operating Voltage : 9~32VDC ,  
Operating current : ≤60mA;  
Operating temperature : -30~+75°C  
Storage temperature : -40~+85°C。