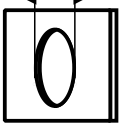


OWNER'S MANUAL

106-00010-02

Φ85-87mm(3-2/5")



A

如A图，在准备安装仪表面板上开孔Φ85~87mm，并保证面板后面有至少70mm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 backyard of panel) as well

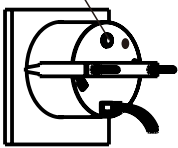


B

如B图，将仪表放入开好孔的仪表面板中

PicB: Put the gauge in the hole

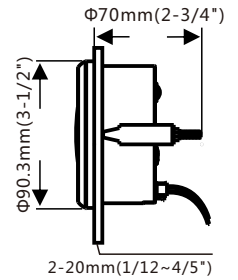
Button: Adjust the speed of the unit



C

如C图，用M4螺母和C型固定扣将仪表锁紧在仪表面板上

Pic C: Using M4 nut and C type bracket to seal up the gauge



如D图，关于外形尺寸的标注说明

Pic D: Size and annotations

gps installation instructions/天线安装说明:



GPS天线正面安装:
Installed in front:



最好的安装方式
Best

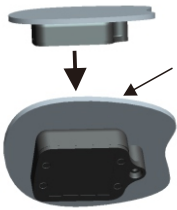


一般安装方式
General



可能收不到GPS信号
Cann't receive
GPS signals

GPS天线反面安装
Installed in reverse:

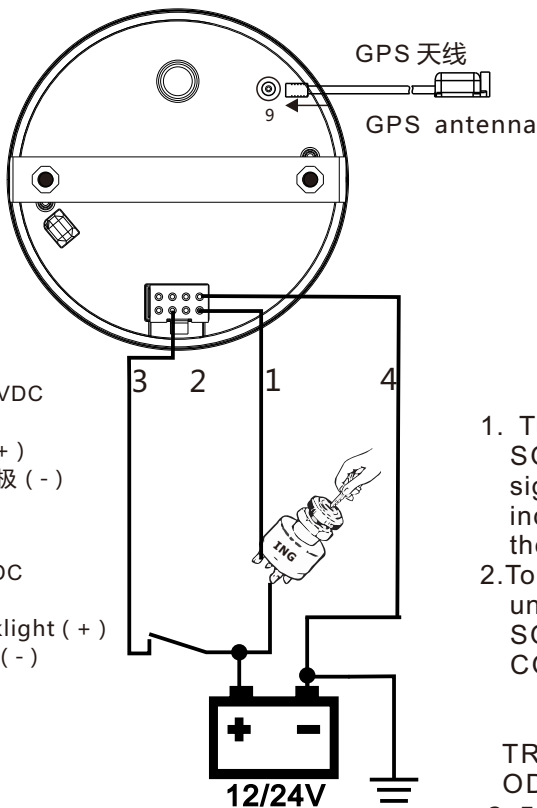


GPS天线反向安装
Reverse the GPS antenna installation

此面要求是塑胶或不能屏蔽GPS信号的材料。
this surface material required plastic or can not shield GPS signal material

技术参数：
工作电压：9~32VDC，
工作电流：≤100mA；
工作温度：-30~+75℃
存储温度：-40~+85℃。

Specification：
Operating Voltage：9~32VDC，
Operating current：≤100mA；
Operating temperature：-30~+75℃
Storage temperature：-40~+85℃。



E

Wires Connecting

接线：

- 1、红色线--+9-32VDC
- 2、NC
- 3、橙色线--背光(+)
- 4、蓝色线--电源负极(-)

Connection：

- 1、Red--+9-32VDC
- 2、NC
- 3、Orange--Blacklight(+)
- 4、Blue--Ground(-)

1、参考E图连接电线，然后打开电源，仪表即可开始工作，仪表开始工作时，处于搜索信号状态，SOG会自动计数，计数到300，如果没有搜索到GPS信号，SOG会显示E01。处于搜星状态或中途GPS信号丢失SOG会闪烁。

2、轻触仪表背面的按键，可以实现KNOTS、MPH、KM/H单位的切换，并自动保存。

SOG: 表示对地速度-航速；COG: 表示相对于地面位置的移动方向，表示相对于正北顺时针方向的角度
TRIP小计里程，掉电自动清零；ODO 累计里程，掉电数据不清零。

3、故障代码：E01 表示上电时GPS搜索不到GPS信号。
：E02 表示中途GPS信号丢失。
：E03 表示仪表内部电路出现故障。

1. Turn it on , then the meter start to search the signal and SOG will count automatically. If there is still no GPS signal when it count to 300,the SOG displays "E01", indicating that the meter is searching the signal . When the SOG is flickering, indicating the GPS signal is lost.

2.Touch the back button of the meter, we can switch the unit:KNOTS,MPH,KM/H and save automatically.

SOG:Speed Over Ground.

COG:(Course Over Ground): The moving direction relative tothe ground position,showing clockwise direction relative to the north.

TRIP : Return zero when off electricity.

ODO : Accumulated, and never return zero when off electricity.

3. Fault code: E01 indicate that is couldn't search any GPS signals whenin an energized state

: E02 indicate that it lose GPS signal .

: E03 indicates that there is a circuit problem .