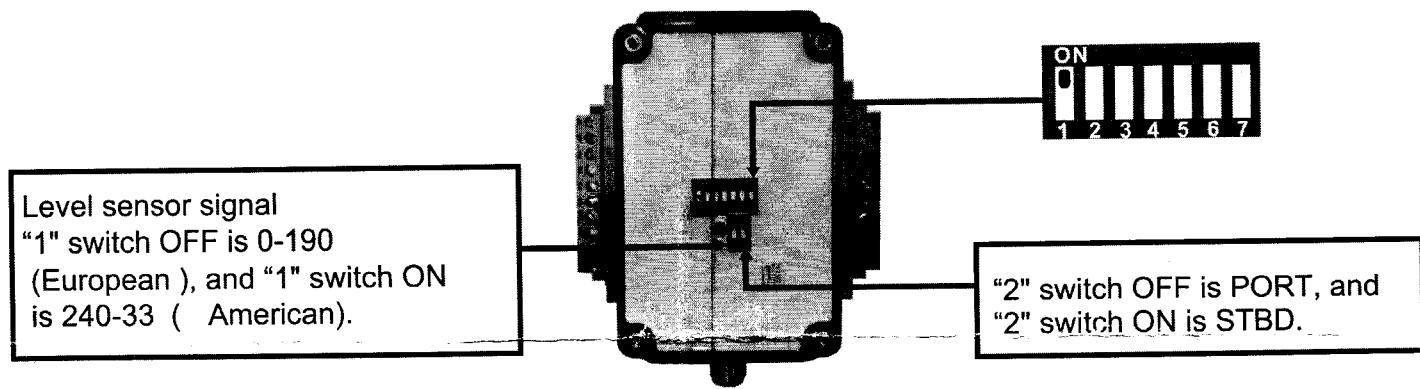## 6 RPM Speed ratio setting
6.1 Select the corresponding speed ratio according to your engine type

Diesel Engine	
Gear Number	Speed Ratio
Speed Ratio = Gear Number	

Outboard	
Poles	Speed Ratio
4	2
6	3
8	4
10	5
12	6

Inboard Gas Engine		
Cylinder	Cycle	Speed Ratio
4	4	2
6	4	3
8	4	4
10	4	5
12	4	6

Level sensor signal
"1" switch OFF is 0-190
(European), and "1" switch ON
is 240-33 (American).

"2" switch OFF is PORT, and
"2" switch ON is STBD.

6.2 Toggle switch setting ratio(ratio range 1~127)

ratio	Switch position	ratio	Switch position	ratio	Switch position	ratio	Switch position
1		2		3		4	
5		6		7		8	
9		10		11		12	
13		14		15		16	
⋮		⋮		⋮		⋮	
125		126		127		128	

1. Mechanical
1.1 Size 100mm*68mm*50mm

2.Features
2.1 Acquisition of sensor parameters and convert
to NMEA2000 parameters
2.2 Up to 13 sensors can be collected

3. Environmental
3.1 Operating Voltage   9 to 32 Volts(DC)
3.2 Power Consumption <120mA
3.3 Operating Temperature -30~75degrees
3.4 Storage Temperature -40~85degrees
3.5 Degree of Protection   Ip67

4. Connection
4.1 Connect to "Micro-C" NMEA 2000 interface
4.2 Connect the corresponding interface
     according to the functional requirements

(40~120℃)
301-22 Ω

(0~10bar)
10-185 Ω

(0~10bar)
10-185 Ω

(0-190 Ω /240-33 Ω)

(40~120℃)
301-22 Ω

(0-190 Ω
/240-33 Ω)

(0-190 Ω /240-33 Ω)

(0-190 Ω /240-33 Ω)

(9-32V) + −

CX5106   08221

Tach(RPM)   Trans Oil Temp.
Tilt/Trim   Trans Oil Pressure
Oil Pressure   BlackWater
Coolant Temp.   FreshWater
                     Fuel
VDC 9~32V   LiveWell
GND   Water in Fuel
-----   Low Coolant Level
-----   Over Temperature
-----   GND