

## Product Data Sheet

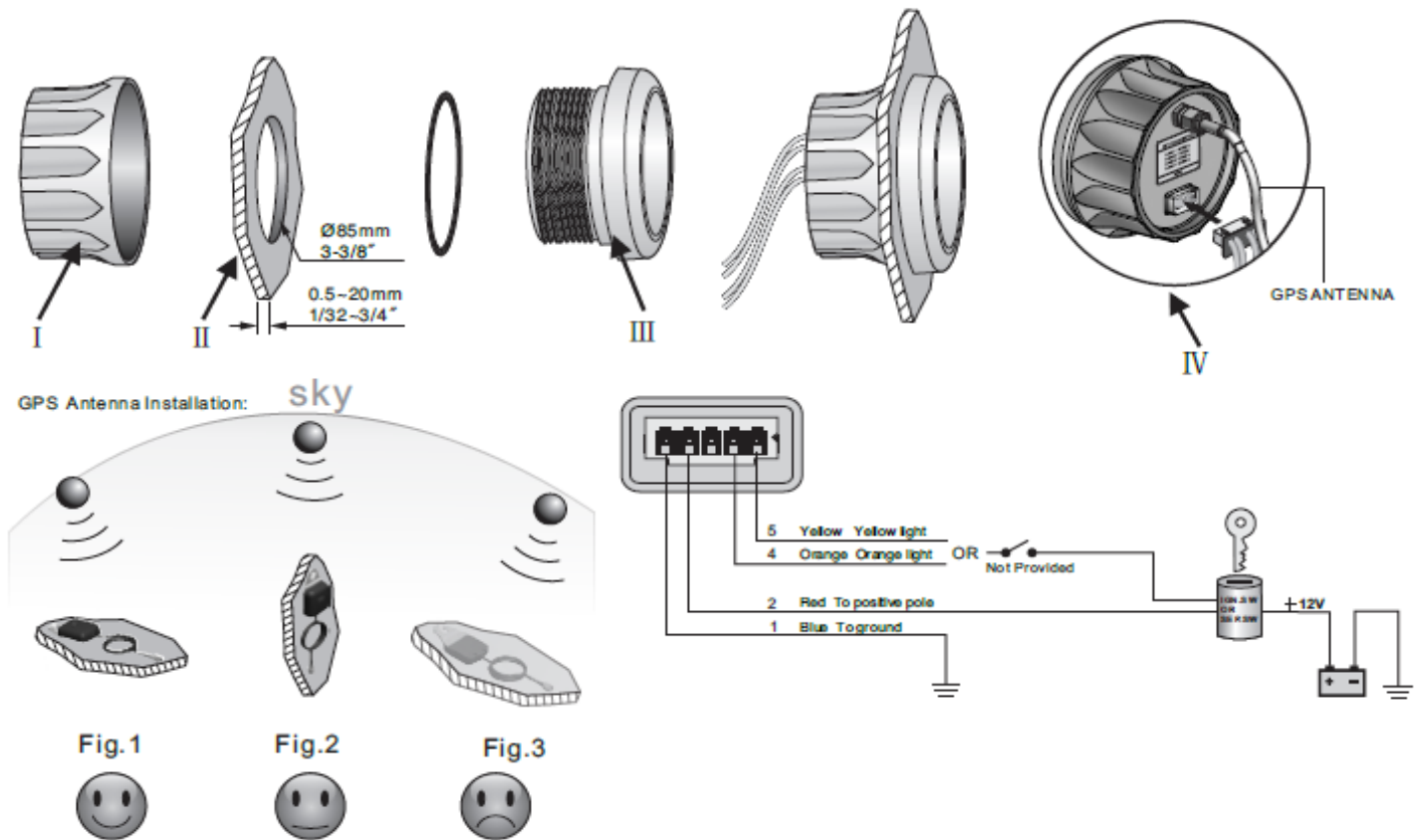


### Description:

The GPS speedometer precisely shows the actual speed and actual compass heading without any signal inputs from the vessel. The signal comes from the 32-channel GPS signal receiver that comes along with the unit. The GPS speedometer has the advantages of high precision, quick location confirmation, and short start up time. Most importantly, the GPS speedometer is easy to setup and can be used in all vehicles, boats, and off-road vehicles (12V/24V).

<b>Product Type:</b>	GPS Speedometer		
<b>Product Name:</b>	CMSB		
<b>Bezel:</b>	SS 316 Stainless Steel	Black or White Plastic	
<b>Face Plate:</b>	Black	White	
<b>Mounting Dimension:</b>	85mm, 3 3/8"		
<b>Protection Rating:</b>	IP 67		
<b>Signal:</b>	GPS		
<b>Indicating Range:</b>	0-15 Knots	0-30 Knots	0-60 Knots
<b>Additional Displays:</b>	COG direction heading		
<b>Operating Voltage:</b>	12VDC or 24VDC system		
<b>Background light</b>	Red or Yellow		
<b>Connector:</b>	Multi-plug socket connection		
<b>Movement:</b>	Stepper Motor		
<b>Operation Temperature:</b>	-40°F ~ +185°F (-40°C ~ +85°C)		

## Installation Instructions



## INSTALLATION STEPS

1. Cut an 85mm (3 3/8") 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. Insert the wire harness (IV) firmly in the gauge (III).
4. Connect cables according to the diagram. Choose either red or yellow background light.
5. Securely fasten the GPS antenna (V), preferably outdoors (or inside front windscreen) so that it has a clear view of the sky to pick up satellite signals. Connect the antenna cable to socket on the gauge. Do not cut cable.
6. After turning power on, allow the gauge to sample satellite signal for 1 minute. The gauge will show speed in knots (SOG) and Compass (COG) only when the boat is moving. While boat is lying still all data is frozen, so the compass cannot be used as a reference until the boat is moving, when the signal is recovered.
7. All data is for reference only and should not be trusted as sole navigation source.