NMEA2000® Deck Gauge
Part Number: 5250-F, 5250-W
USER MANUAL

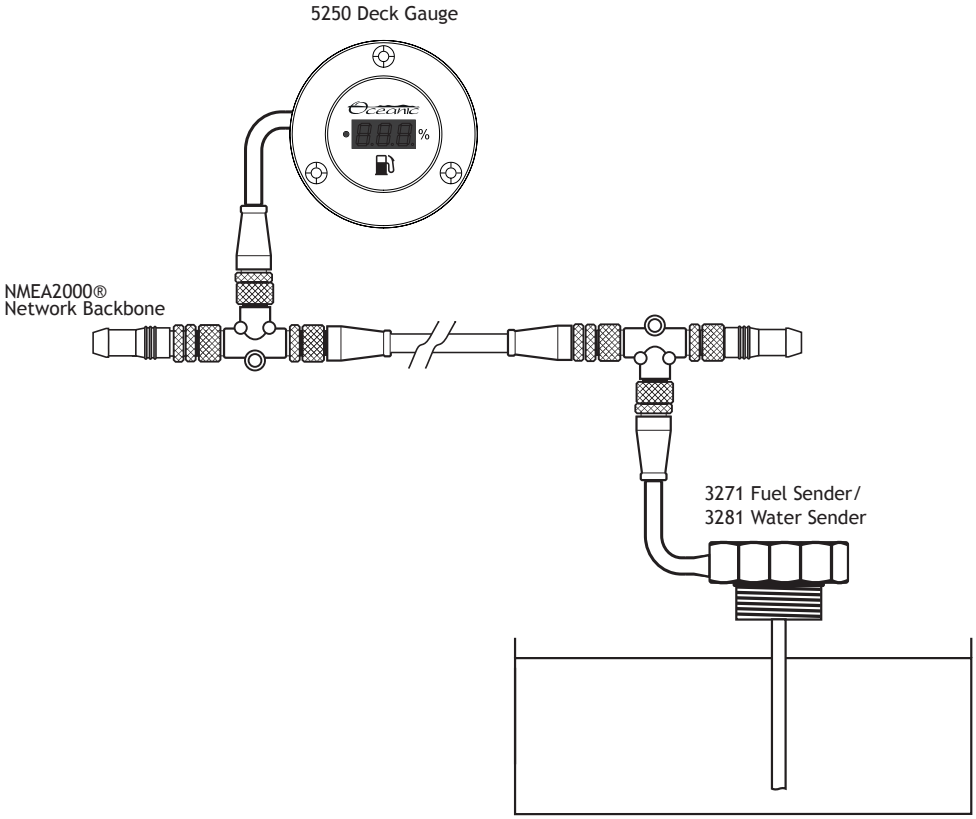
INTRODUCTION

The 5250-F and 5250-W Deck Gauges are designed to display the contents of the tank at deck level near the tank filler to avoid over filling and spillage

The unit has a 3 character blue digital LED display that shows the tank level as a percentage from 0 – 100%. Inbuilt light sensor adjusts the brightness of the display to be fully and easily readable in direct sunlight, as well as dimmed at night to preserve night vision.

The 5250 is designed to be used on an NMEA2000® network.

NMEA2000® network example:



SAFETY INSTRUCTIONS

This unit should only be installed by a person competent and experienced in working on electrical systems on boats. Before beginning the work the battery should be disconnected to avoid the risk of a short circuit, fire or explosion. Before drilling any holes to mount the unit or run the cabling always make sure it is safe to do so.

INCLUDED IN THE BOX

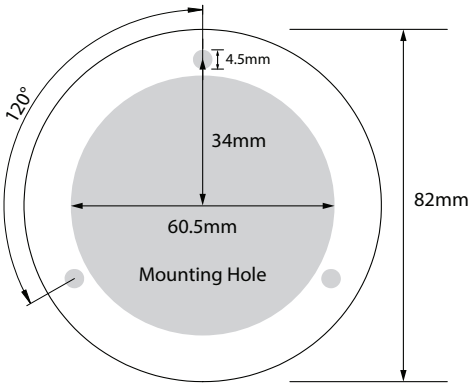
- 5250 Deck Gauge
- Installation and Operation Instructions (this document)
- 3x M4 30mm countersunk screws
- 3 x M4 nuts
- 3 x M4 flat washer

LOCATION AND INSTALLATION

The 5250 Deck Gauge should be mounted horizontally or vertically near the tank filler cap, so that it can be seen easily during the tank filling operation. To install the gauge, cut a 60.5mm mounting hole, place the gauge within, and use this as a guide to mark and drill the three fixing holes. These holes are designed to fit suitable M4 countersunk or self-tapping screws.

To connect to the NMEA2000® network use a NMEA2000® drop cable to connect from the male M12 plug on the rear of the unit to the nearest Tee connector.

Mounting dimensions.



CALIBRATION AND SETUP

No calibration is required. Simply set the small rotary switch to the tank instance of the tank to be monitored in the table below. It will automatically display the tank level percentage.

Switch	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
Instance	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

TROUBLESHOOTING

No display	Check that the unit is connected to the NMEA2000® network securely and that the network is powered correctly.
“NO INPUT” displayed	NMEA2000® There is no tank data on the network that matches the 5250 tank type and device instance switch position.

TECHNICAL SUPPORT

If you require technical support for any Oceanic Systems products you can reach us using any of the following:-

tel: +44 (0)1634 290772

email: sales@energy-solutions.co.uk

web: osukl.com or energy-solutions.co.uk

WARRANTY

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