

NMEA2000® DECK GAUGE

FEATURES

- ◆ Fuel (5250-F) or freshwater tanks (5250-W)
- ◆ Displays tank level at the point of filling
- ◆ Digital display to 1%
- ◆ Auto dimming at night
- ◆ NMEA2000 network standard
- ◆ Waterproof to IP68

The Oceanic Systems Deck Gauge provides an accurate and clear display of the tank level right at the point of filling. It is designed to be installed near to the tank filler to help avoid refuelling spills and prevent water pollution incidents.

It has a clear blue LED digital display that automatically dims at night to preserve night vision mounted in an attractive stainless steel bezel that is easy to install.

The unit is designed to work with a standard NMEA2000® network so it can be installed on virtually every vessel monitoring system.

It is certified to the NMEA2000® standard and constructed to meet the IEC60945 standard.

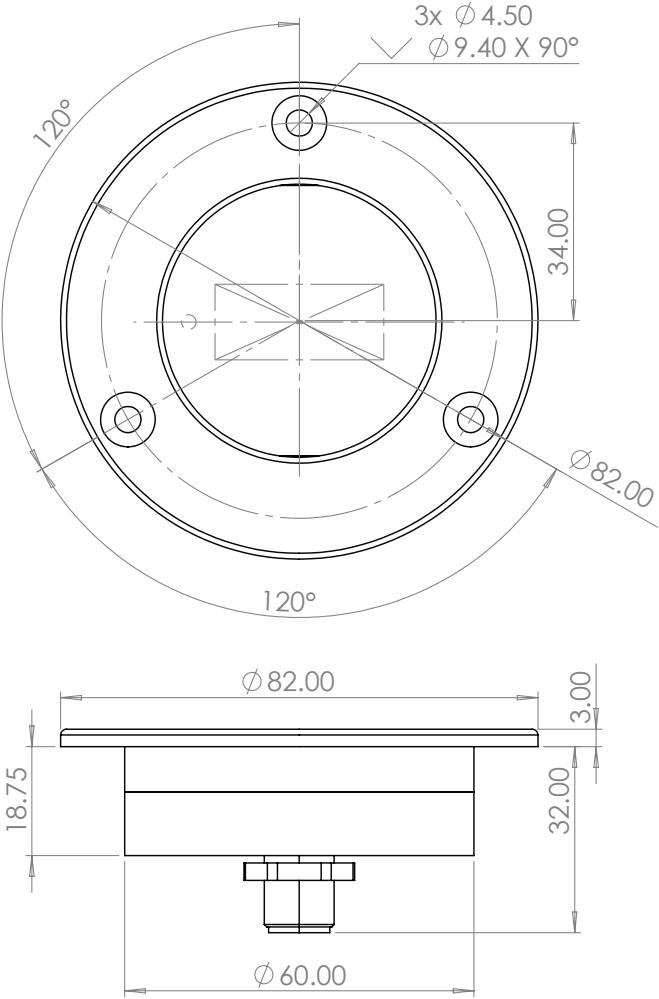
The unit is available as the 5250-F for fuel and the 5250-W for freshwater tanks



NMEA2000® DECK GAUGE

Part Number: 5250
5250-F for fuel and
5250-W for fresh water

Unit Dimensions (mm)



Specification

Display Accuracy	Displays to 1%
Tank Contents	Fuel or Water
Tank Instances	Up to 15 tank instances on network

Design Standard

NMEA2000	Certified
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Environmental Standard

Maritime Nav & Radio-Comm	IEC60945
CE & FCC	Electromagnetic Compatibility

NMEA2000 Parameter Group Numbers (PGNs)

Type	PGN No.	PGN Name
Received	PGN059904	ISO Request
	PGN060928	ISO Address Claim
	PGN127505	Fluid Level
Transmitted	PGN059392	ISO Acknowledge
	PGN060928	ISO Address Claim

Electrical and Mechanical

Parameter	Value
Operating Voltage	9 to 32 VDC
Connector	Micro C plug
Power Consumption	<150mA (average operating)
Load Equivalence No.	3
Reverse Battery Protection	Indefinitely
Size	82 x 32mm
Weight	180g

Environmental

Parameter	Value
IEC60954 Classification	Exposed
Degree of Protection	IP68
Operating Temperature	-20°C to 50°C
Storage Temperature	-50°C to 70°C
Relative Humidity	93%RH @40° per IEC60945-8.2
Vibration	2-13.2Hz @ $\pm 1\text{mm}$, 13.2-100Hz @ 7m/s^2 per IEC60945-8.7
Electromagnetic Emission	Conducted/Radiated per IEC60945-9
Electromagnetic Immunity	Conducted/Radiated, supply and ESD per IEC60945-10

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Our policy is one of continuous product improvement, therefore product specifications are subject to change without notice. Oceanic Systems products are designed to be accurate and reliable. However, they should be used only as aids to vessel monitoring, and not as a replacement for traditional navigation and vessel monitoring techniques.

NMEA2000® is a registered trademark of the National Marine Electronics Association