

Deck Gauge NMEA2000® / PLC

See the level of your Fuel or Fresh Water Tank right at the point of filling to avoid overflowing tanks or refuelling spills.

Oceanic
SYSTEMS

Key Features

Displays tank level at the point of filling

Digital display to 1%

Auto dimming at night

NMEA2000® & PLC 0-10V Interface

Waterproof to IP68



NMEA2000®/PLC Deck Gauge

Part No: 5250-F for Fuel and 5250-W for Fresh Water

Technical Data

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 either a standard NMEA2000® network or with a 0-10V PLC output 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.

Dimensions



Specifications

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

Certifications

NMEA2000	Certified
CE and FCC	Electromagnetic Compatibility
IEC60945	Environmental

NMEA PGNs

Received	PGN 059904 ISO Request PGN 060928 Address Claim PGN 127505 Fluid Level
Transmitted	PGN 059392 Acknowledgement PGN 060928 Address Claim

Electrical

Operating Voltage	9 - 32 Volts DC from NMEA network
Connector	Micro C plug
Power	Less than 150mA
Load Equivalence	3 LEN according to NMEA2000 specification
Reverse Battery	Fully protected indefinitely

Mechanical

Size	82mm x 32mm
Weight	180 grams

Environmental

IEC Classification	Exposed
Protection	IP68
Operating Temp	-20°C to 50°C
Storage Temp	-50°C to 70°C
Relative Humidity	93% RH @ 40°C per IEC60945-8.2
Vibration	2-13.2Hz @ ±1mm, 13.2-100Hz @ 7m/s ² per IEC 60945-8.7
EMC Emission	Conducted & Radiated per IEC60945-9
EMC Immunity	Conducted, radiated, supply and ESD per IEC60945-10

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