

RUGGED ENGINE ROOM TEMPERATURE SENSOR

Part Numbers: 4525
INSTALLATION INSTRUCTIONS



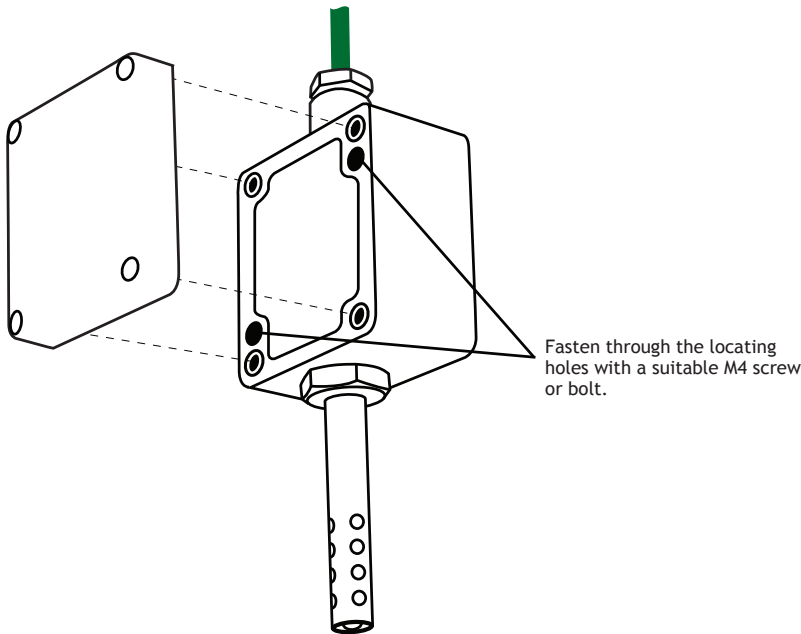
SAFETY WARNING

This instrument should only be installed by a person competent and experienced in working on electrical systems on boats.

BEFORE BEGINNING WORK THE BATTERY SHOULD BE DISCONNECTED TO AVOID THE RISK OF A SHORT CIRCUIT, A FIRE OR AN EXPLOSION.

LOCATION AND INSTALLATION

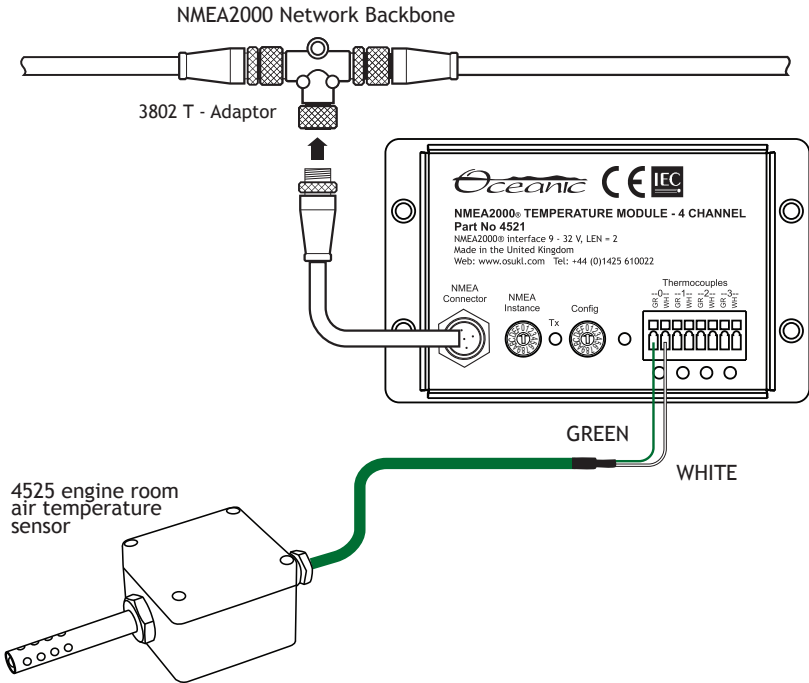
The unit should be attached to the engine room wall or ceiling by using suitable screws through the holes in the metal base (please see below). Ensure the probe is in a location which has good airflow to obtain an accurate reading. The green thermocouple wire should run to the 4521 Module in a protective channel securing it at regular intervals. Please note that it is permitted to shorten the green wire if required but it is NOT permitted to extend the wire using ordinary two core cable. If it is necessary to extend the wire please contact Oceanic Systems for a suitable wire extension piece.



Fasten through the locating holes with a suitable M4 screw or bolt.

WIRING

Connect the Rugged engine room temperature sensor to the NMEA2000® Network via the NMEA2000® temperature module - 4 channel p/n 4521.



Weatherproof Box Mounted 'K' Type Thermocouple sensor	
Housing	H80mm x W74mm x D54mm -IP rating -IP20
Cable	4M PVC Mylar Screened 7/0.2 cable fitted -10° C +105° C

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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.
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