



BATTERY NEGATIVE MUST BE GROUNDED
 NOTE 1. THESE GROUND CONNECTIONS MUST BE ON THE ENGINE BLOCK, AND MUST BE TO THE SENSOR BODIES.

REQUIREMENTS FOR UL CERTIFICATION

Specification	Description
Screw Terminal Tightening Torque	• 4.5 lb-in (0.5 Nm)
Conductors	<ul style="list-style-type: none"> • Terminals suitable for connection of conductor size AWG 20 to AWG 13 (0.5 mm² to 2.5 mm²) • Conductor protection must be provided in accordance with NFPA 70, Article 240. • Low voltage circuits (35 V or less) must be supplied from the engine starting battery or an isolated secondary circuit. • The communication, sensor, and/or battery derived circuit conductors shall be separated and secured to maintain at least 1/4" (6 mm) separation AC circuit conductors unless all conductors are rated 600 V or greater.
Communication Circuits	• Must be connected to communication circuits of UL Listed equipment
DC Output Pilot Duty	• 0.5 A
Mounting	• Suitable for use in type 1 Enclosure Type rating with surrounding air temperature -22 °F to +158 °F (-30 °C to +70 °C)
Operating Temperature	• -22 °F to +158 °F (-30 °C to +70 °C)
Storage Temperature	• -40 °F to +176 °F (-40 °C to +80 °C)



DEEP SEA ELECTRONICS PLC
 DSEE100 Installation Instructions

EDITING A PARAMETER

- Press the *Stop/Reset Mode* (-) and *Auto Mode* (✓) buttons together to enter the editor mode.
- If a module security PIN has been set, the PIN request is then shown.
- Press the *Auto Mode* (✓), the first '#' changes to '0'. Press the *Up* (↑) or *Down* (↓) buttons to adjust it to the correct value.
- Press the *Manual/Start Mode* (+) buttons to move to the next digit. The digit previously entered now shows as '#' for security.
- Repeat this process for the other digits of the PIN number. Press the *Stop/Reset Mode* (-) button to move back to adjust one of the previous digits.
- When the *Auto Mode* (✓) button is pressed after editing the final PIN digit, the PIN is checked for validity. If the number is not correct, the PIN must be re-entered.
- If the PIN has been successfully entered (or the module PIN has not been enabled), the editor is displayed.
- Press the *Up* (↑) or *Down* (↓) navigation buttons to cycle through the front panel editor in increments of 100.
- Press the *Manual/Start Mode* (+) or *Stop/Reset Mode* (-) buttons to cycle through the front panel editor in increments of 1.
- When viewing the parameter to be edited, press the *Auto Mode* (✓) button and the value begins to flash.
- Press the *Manual/Start Mode* (+) or *Stop/Reset Mode* (-) navigation buttons to adjust the value to the required setting.
- Press the *Auto Mode* (✓) button the save the current value, the value ceases flashing.
- Press and hold the *Auto Mode* (✓) button to save and exit the editor. The configuration icon (✕) is removed from the display.

NOTE: Pressing and holding the *Manual/Start Mode* (+) or *Stop/Reset Mode* (-) buttons will give auto-repeat functionality.

NOTE: More comprehensive module configuration is possible via PC configuration software. For further details of module configuration, refer to DSE Publication: 057-267 DSEE100 Configuration Suite PC Software Manual.

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