

DUAL DECK GAUGE

INSTALLATION AND OPERATING INSTRUCTIONS

Part Numbers 3210-Dual



INTRODUCTION

The 3210-Dual Deck Gauge is designed to display the fuel level in two tanks being filled right at the point of filling.

SAFETY INSTRUCTIONS

This Deck Filler Gauge should only be installed by a person competent and experienced in working with fuel on board vessels.

All work involving fuel systems should be performed with extreme care due to the possibility of igniting fuel fumes. Before beginning work the battery should be disconnected to avoid the risk of a short circuit, a fire or an explosion. Before drilling any holes to mount the unit or run the cabling always make sure it is safe to do so.

LOCATION AND INSTALLATION

The Deck Filler Gauge will be mounted either through the deck of the vessel or in a recess that is easily accessible for filling the tank. Take care to choose a location that is accessible below deck to allow the secure connection of the NMEA2000 cable.

WIRING

The NMEA2000 cable should be connected to a Tee adaptor on the NMEA2000 network. Ensure that it is mated securely and the retaining ring has been tightened correctly to ensure the junction is waterproof. Note that this cable length may be extended to a maximum of 6 metres by using micro drop cables. No further cables are required because the NMEA2000® network includes both power and data in the same cable.

CONFIGURATION

The small switch on the underside of the Dual Deck Gauge should be set to match the lower of the two tank number switches on the Fuel Level Senders in the tanks. This will display that tank's level on the LEFT HAND DISPLAY. The RIGHT HAND DISPLAY will show the level of the tank sender with the next higher address number. i.e. If the 3210-Dual address is set to "0" then its left hand display will show the level of fuel tank address "0" and the right hand display will show the level of fuel tank address "1".

OPERATION

Once the module has been installed there is no normal operator intervention required. The unit should be washed occasionally to remove any salt build up. The use of a pressure washer is not recommended.

DISPLAY

The LED display will show tank levels from 0% to 100% When the unit is first powered on or when it is not receiving a data signal it will display "no input"

The LED display will vary in brightness according to the ambient light level. When it is dark the display is dimmed rising to full brightness in direct sun.

CALIBRATION

The unit comes calibrated. No further calibration is required.

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