

INSTALLATION INSTRUCTIONS

Smart™ Temperature Data Converter

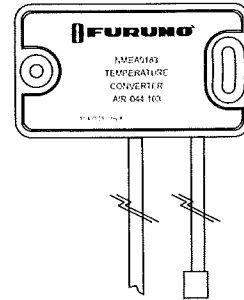
Furuno # AIR-044-103

Airmar # 44-103-1-01

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IMPORTANT: Please read the instructions completely before proceeding with the installation. These instructions supersede any other instructions in your instrument manual if they differ.



Application

To convert the analog temperature data coming from the transducer to NMEA-0183 digital format.

Tools & Materials

Pencil
Safety goggles
Dust mask
Electric drill
Drill bit 3mm or 1/8"
Phillips screwdriver
Cutting pliers
Wire strippers
Electrical tape

Mounting

1. Select a convenient *dry* mounting location for the Smart™ Temperature Data Converter. Locate it from 30cm – 1m (1' – 3') away from the echosounder. Position the converter so that the connector is easily accessible.

2. Hold the converter at the selected location and mark the position of the two screw holes with a pencil.

Warning: Always wear safety goggles and a dust mask.

3. At the marked locations, drill a 3mm or 1/8" hole to a depth of 10mm (3/8"). Screw the converter in place.

Connecting

1. Splice the transducer cable with the C9 cable from the converter.
 - Prepare the C9 cable by cutting off the red, green, and bare wires.
 - Connect the like colored wires of the C9 cable and the transducer cable: brown to brown and white to white.
2. Attach the connector to the transducer cable using the remaining blue, black, and bare wires.
3. Plug the transducer cable into the echosounder.
4. Plug the C189 cable from the converter into the NMEA port on the echosounder.

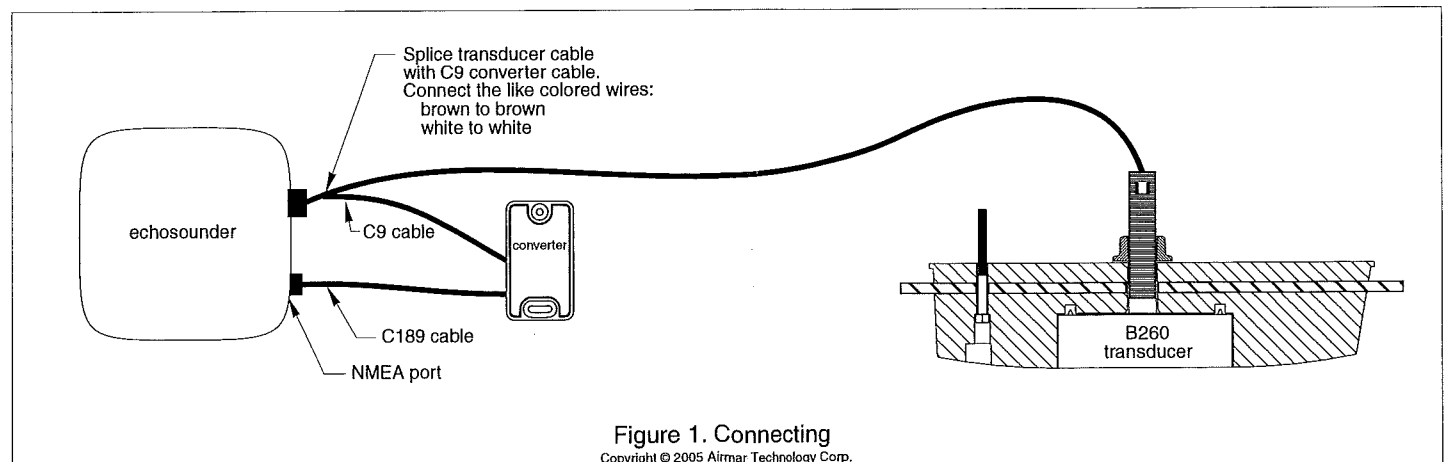


Figure 1. Connecting
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