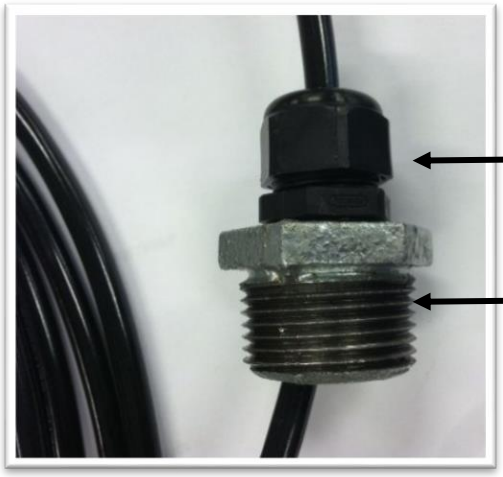
1. **Install the fuel sensor.**
   a. Insert the sensor end of the cable into the fuel tank bung hole.
   b. Let the sensor drop to the bottom of the tank, keeping the open end of the cable out of the tank.
   c. Slide the pipe fitting(s) over the sensor cable and install in the tank.
   d. Slide the cord grip over the cable and install it into the pipe fitting and tighten it around the cable. Be sure the O-ring supplied with the cord grip is installed between the cord grip and the pipe fitting.
   e. DO NOT allow fuel to enter the open end of the cable.

Sensor Cable



Cord Grip: Compact Liquid-Tight Cord Grip, Straight, for 0.2" – 0.35" Cord Diameter, ½ Trade Size. McMaster-Carr 69915K54 or equivalent.

Pipe Adapter(s):

MNPT	FNPT	Grainger P/N	
1	½	4638K548	For 1" tank bung
1 ¼	½	4638K724	For 1 ¼" tank bung
1 ½	1	4638K727	For 1 ½" tank bung (use with 1 x ½" adapter)
2	1	4638K728	For 2" tank bung (use with 1 x ½" adapter)

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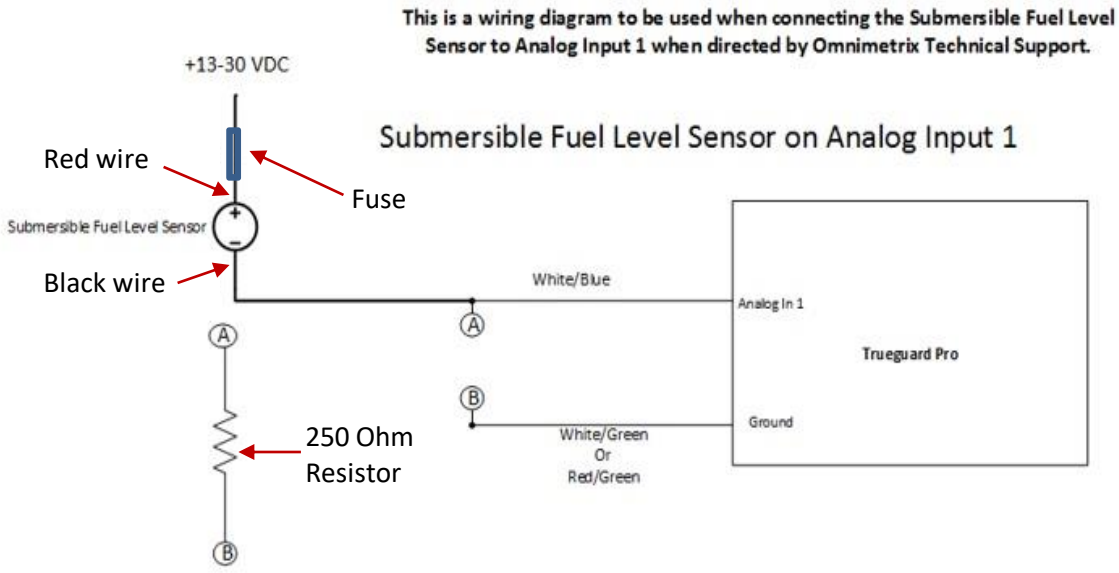
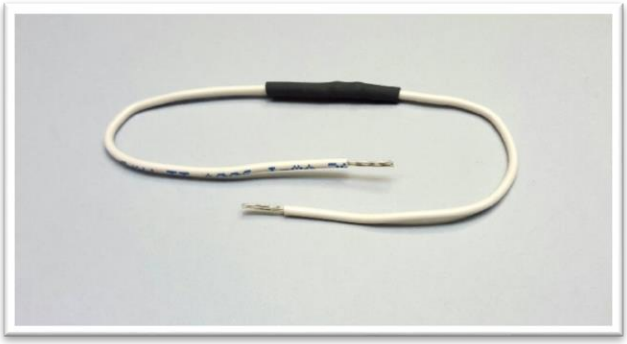
The submersible sensor is normally connected to Input #2 (White/Violet) on the monitor. If a second fuel tank is to be monitored or Input #2 is in use, the sensor must be connected to Input #1 (White/Blue) using the 250 Ohm resistor supplied by OmniMetrix in the Submersible Fuel Sensor Kit (see picture below). Instructions for connecting sensor to Input #1 (White/Blue):

Submersible Fuel Sensor Wiring Installation Input #1	
Fuel Sensor Wire	Connect to
Red	+12-30VDC Supply (Battery +, Fused)
Black	OmniMetrix White/Blue monitor wire
Bare Shield Wire	No Connection
White Vent Tube	No Connection

The supplied resistor connects to the White/Blue monitor wire and the Red/Green or White/Green wire as shown in the diagram.



Connect supplied, 250 Ohm resistor, as directed by OmniMetrix Technical Support: 770-209-0012



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After making the connections shown, note the depth of the fuel tank and contact Technical Support for calibration of the fuel sensor: 770-209-0012.

Installation of provided Inline Fuse:

OMNIMETRIX
GLOBAL MONITORING • CONTROL

Fuel Level Sender Wiring for Inline Fuse

I at