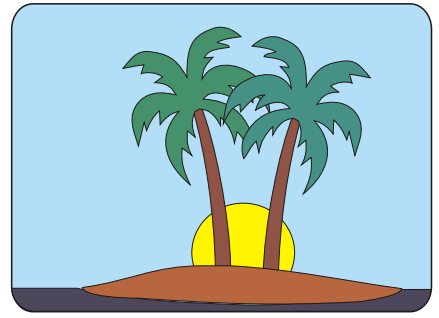


ITIM SYSTEMS

PTY LTD

INNOVATIVE TECHNOLOGY FOR INDUSTRY AND MARINE
 4 CRAMOND STREET, WILSTON, QLD 4051, AUSTRALIA
 P.O. BOX 218 RED HILL, QLD 4059, AUSTRALIA
 ISD + 61 7. PHONE (07) 3356 1276. FAX (07) 3356 5693
 http://www.itim-systems.com email info@itim-systems.com



TLMP-98 Tank Level Monitoring Probe

Rubber Boot
 Fits over sensor
 body & terminal
 to protect from
 water entry.

Approx
 23mm
 when
 fitted



Sensor height
 from top of
 rubber boot
 to mounting
 thread = 70mm

Suggested cable
 out = 2 core
 16/020 tinned
 with overall
 shield.



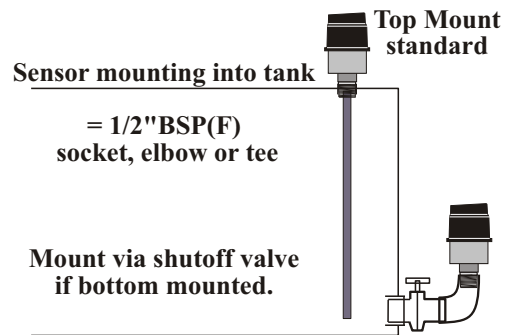
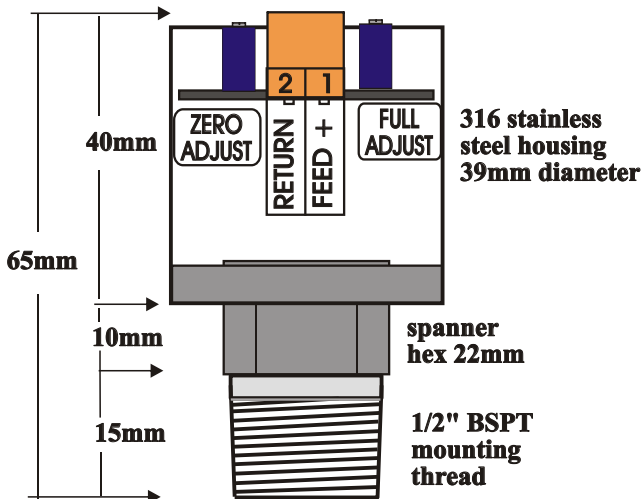
Two way
 plug-in
 terminal
 1. Feed +ve
 2. Return -ve

The ITIM Systems TLMP-98 Tank Level Monitoring Probe is a loop powered 4-20 mA differential pressure sensor with integrated temperature compensation, over voltage protection, signal conditioning & precision 4-20mA transmitter, to accurately measure the level of liquid remaining in your tank.

Designed primarily for measuring levels of tanks on marine & heavy vehicles with a typical tank depth upto 2,000 mm. Suitable for use in fuel, fresh oil, dirty oil, fresh water, grey water, black water & oily bilge water tanks etc.

Sensor is supplied precalibrated to tank depth & contents. 316 stainless steel housing, with 1/2"BSPT (M) mounting. Two way plug-in terminal for connection to ships wiring. Top or bottom mount sensor overall height = 65 mm.

Tank Mounting Options



Option - Bottom Mount
 in tee in equalization line
 between a pair of tanks.

Should be at same height
 as tank bottom.

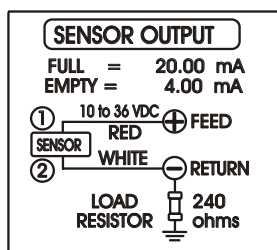
Bottom
 Mount

**SENSOR MUST
 BE MOUNTED
 VERTICALLY**

* CAUTION * WITH BOTTOM MOUNT SENSOR *

1. IF TANK EMPTY, OPEN BALL VALVE BEFORE INSTALLING SENSOR.
2. IF TANK CONTAINS LIQUID, INSERT SENSOR, 3 TURNS ONLY, THEN OPEN BALL VALVE AND CONTINUE INSTALLING SENSOR.

- * Supply voltage 10 to 36 VDC.
- * Protected from reverse polarity.
- * Overvoltage Protection
- * Current limited to 200 mA.
- * Load Resistor = 240 ohms.
- * Typical accuracy +/- 1%.
- * 20 turn pot for zero adjustment.
- * 20 turn pot for span adjustment.



SENSOR WILL BE DAMAGED IF SUBJECTED TO OVER PRESSURE DURING INSTALLATION, CAUSED BY COMPRESSING THE SMALL AIR GAP BETWEEN THE SENSOR AND THE BALL VALVE. DO NOT PRESSURE TEST TANK WITH SENSOR IN.