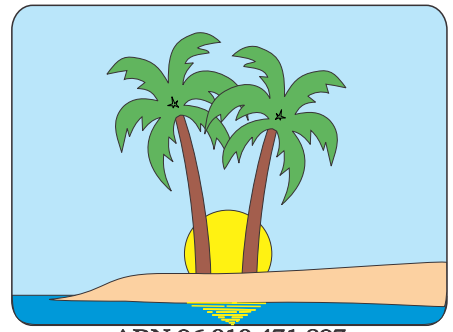


ITIM SYSTEMS

PTY LTD

INNOVATIVE TECHNOLOGY FOR INDUSTRY AND MARINE
 UNIT 9, NO. 45 COMMERCIAL DRIVE SHAILER PARK, QLD 4128, AUSTRALIA
 ISD + 61 7. PHONE (07) 3356 1276 (07) 3806 4504
<http://www.itim-systems.com/> email: info@itim-systems.com



ABN 96 010 471 897

TLMP-98 Tank Level Monitoring Probe

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

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

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.

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

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.

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

Sensor is supplied precalibrated to tank depth & contents. 316 stainless steel housing, with 1/2" BSP T (M) mounting. Two way plug-in terminal for connection to ships wiring. Top or bottom mount sensor overall height = 70 mm.

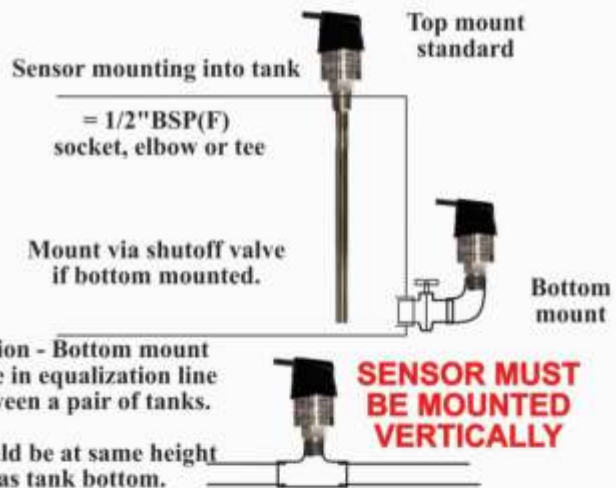


**316 stainless
 steel housing
 39mm diameter**

**spanner
 hex 22mm
 1/2" BSP T(M)
 mounting
 thread**

**1/2" UNF
 internal thread
 for top mount
 sounding tube**

Tank Mounting Options



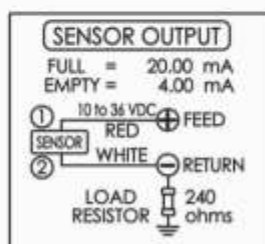
* CAUTION * WITH BOTTOM MOUNT SENSOR *

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.

DO NOT PRESSURE TEST TANK WITH SENSOR IN TANK.
 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.

TCMP98 DS PRINT .CDIR

- * Supply voltage 10 to 36 VDC.
- * Protected from reverse polarity.
- * Overvoltage Protection
- * Current limited to 100 mA.
- * Load Resistor = 240 ohms.
- * Typical accuracy +/- 1%.
- * 20 turn pot for zero adjustment.
- * 20 turn pot for span adjustment.



ITIM SYSTEMS

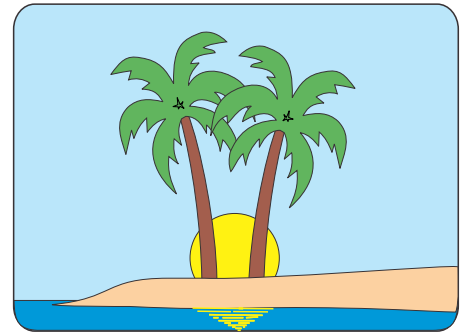
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ABN 96 010 471 897

TANK LEVEL, DISPLAY & CONTROL SYSTEMS

BG-98 20 LED BAR GRAPH MODULES

- * 20 LED colour coded bargraph display of tank level.
- * Housed in compact flush mount modules 36x72mm
- * Modules for fuel, fresh, grey, black & bilge water, oil tanks etc.
- * Simple to install with 4 way plug-in terminal on rear for connection to power (12 or 24 vdc) & TLMP-98 Tank Level Monitoring Probe.



AIM-TC TANK CONTROLLER DISPLAY & ALARMS

- * Provides 20LED display of tank level with auto & manual pump controls and alarms configured for control of grey & black water tank pump out, day fuel tank top up, fresh water tank level control etc.
- * The AIM-TC V4 is easy to use with system status display back illuminated by multi LEDs for easy to read instant status recognition.
- * Sealed touch switch pump and alarm controls for greater reliability.
- * Independently adjustable display, alarms, pump on and pump off levels
- * Compact flush mount self contained module 55 x 99 x 130 mm deep.
- * Simple to install with plug-in wiring terminal on the rear of module.



AIM-TA TANK ALARM, LEVEL DISPLAY, HIGH & LOW ALARMS

- * Provides 20LED display of tank level with independent tank high and tank low alarms.
- * The AIM-TA is easy to use with system status display back illuminated by multi LEDs for easy to read, instant status recognition.
- * Sealed touch switch controls for greater reliability.
- * Independently adjustable high & low alarms.
- * Compact flush mount module 55 x 99 x 130mm deep.
- * Simple to install with plug-in wiring terminal on rear.



AIM-HTC BILGE CONTROLLER & GREY WATER TANK CONTROLLER

All of the features of the AIM-TC but with addition of auto/manual pump out mode select switch, so that pump out mode can be varied between manual pump start and auto pump start to suit your operational area.

- * The AIM-HTC V4 is easy to use with system status display back illuminated by multi LEDs for easy to read, instant status recognition.
- * Sealed touch switch pump, mode and alarm controls for greater reliability.
- * Independently adjustable alarms, pump on & pump off levels.
- * Compact flush mount self contained module 55 x 99 x 130mm deep.
- * Simple to install with plug-in wiring terminals on the rear of module.