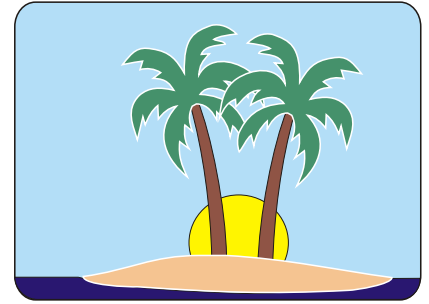


# ITIM SYSTEMS

PTY LTD

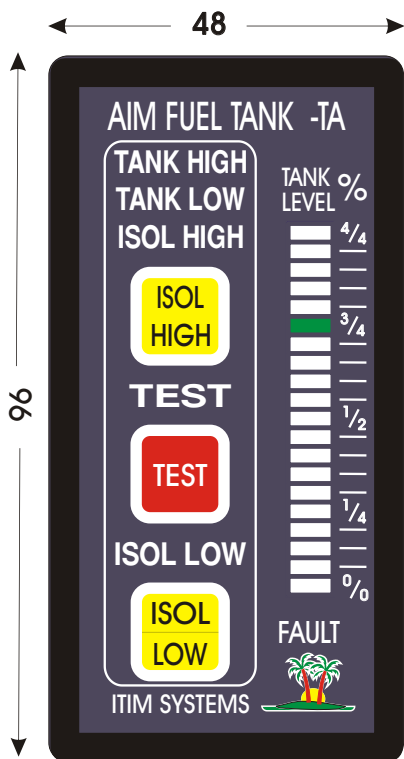
INNOVATIVE TECHNOLOGY FOR INDUSTRY AND MARINE  
 P.O. BOX 218 RED HILL, QLD 4059, AUSTRALIA  
 4 CRAMOND STREET, WILSTON, QLD 4051, AUSTRALIA  
 ISD + 61 7. PHONE (07) 3356 1276. FAX (07) 3356 5693  
<http://www.itim-systems.com> email [info@itim-systems.com](mailto:info@itim-systems.com)



## AIM FUEL-TA TANK ALARM CONTROLLER

FUEL TANK, LEVEL DISPLAY UNIT WITH HIGH AND LOW LEVEL ALARMS.

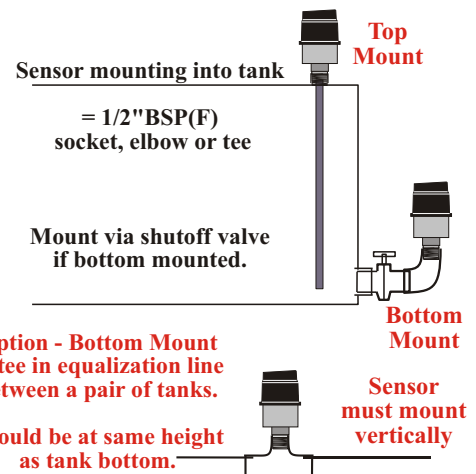
This compact, easy to use, self-contained, flush mount module provides reliable tank level display with independent high and low alarm controls for your fuel tank.



Including

- \* 20 LED bargraph display of tank level.
- \* Tank low level, audible and visual alarms.
- \* Tank high level audible and visual alarms.
- \* Sealed touch switch controls for greater reliability.
- \* Test switch performs full test sequence.
- \* Separate High and Low Audible alarm isolate switch.
- \* Fault monitoring of tank sensor input.
- \* Visual sensor fault warning.
- \* Status display back illuminated by LED lightbars for instantaneous status recognition.
- \* Compact sealed enclosure 48 x 96 x 150 mm deep.
- \* Plug-in terminals for all wiring on rear. Refer over.
- \* Two independent Remote Alarm Relay outputs.

### Tank Level Monitoring Sensor mounting options



This system utilises our TLMP-98 Solid State Pressure Transducer to measure the depth of liquid remaining in the tank. Has no moving parts to break or give trouble.

Sensor housed in 316 stainless steel enclosure  
 38(dia) x 65(h) mm with stainless steel  
 1/2" BSPT(m) mounting thread and sensing tube.

Made with Pride in Australia

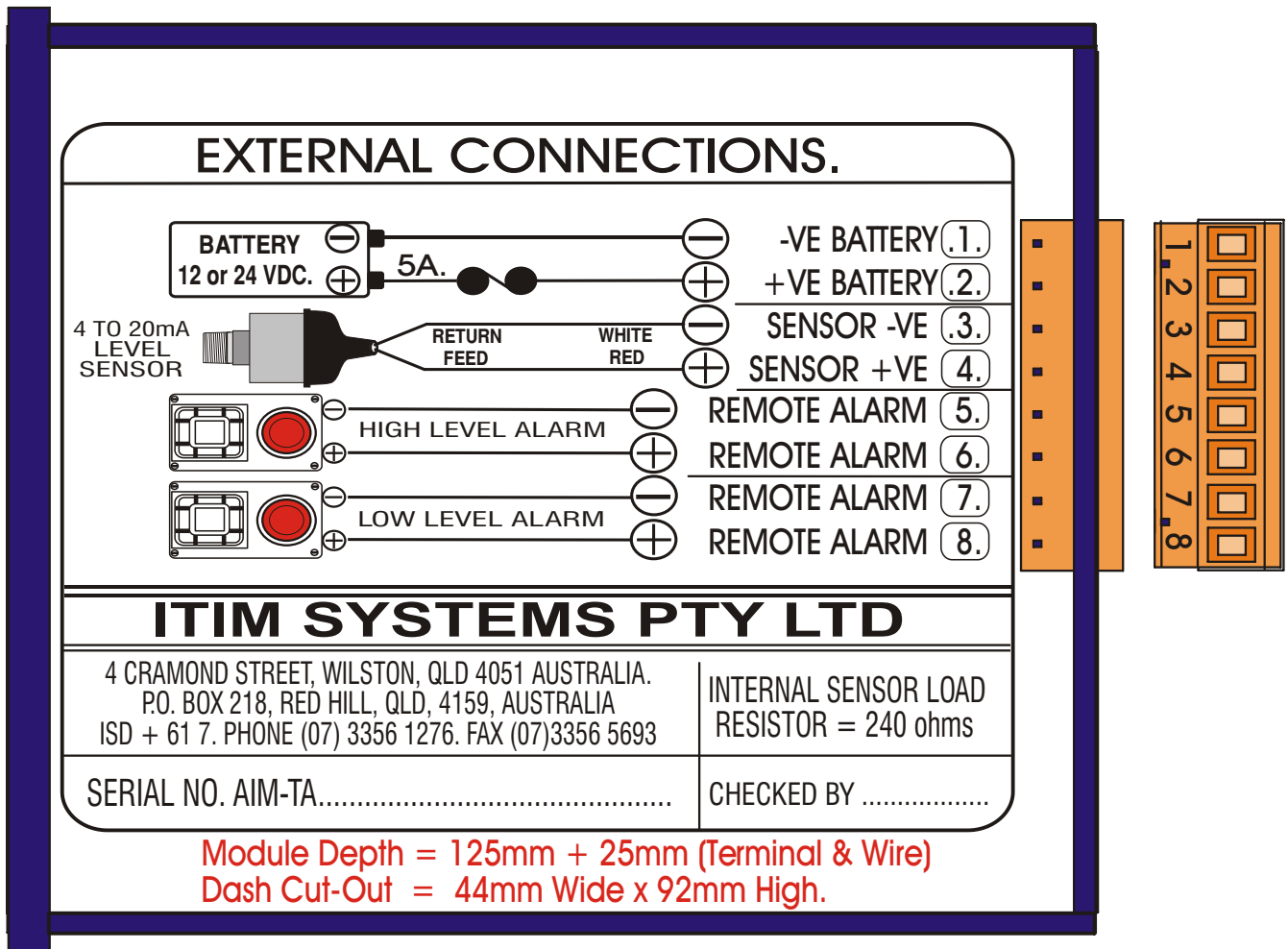
Available from



# AIM - TA98 FUEL TANK ALARM CONTROLLER

The ITIM Systems AIM-TA98 Tank Alarm Controller module has an eight (8) way plug-in terminal on the rear for connection of all external wiring.

Terminals 1 & 2. Power in. 12 or 24 VDC. 1. = Battery -ve 2. Battery +ve  
 Terminals 3 & 4. Tank Level Sensor. 3. Sensor -ve (Return) 4. Sensor +ve (Feed).  
 Terminals 5 & 6. Remote High Alarm. 5. High Alarm -ve 6. High Alarm +ve (1A).  
 Terminals 7 & 8. Remote Low Alarm. 7. Low Alarm -ve 8. Switched +ve. (1A)



## AIM - TA TANK ALARM CONTROLLER HAS SIX TRIM POT ADJUSTMENTS

THESE ARE PRESET TO SUIT YOUR TANK BUT CAN BE ADJUSTED IF REQUIRED

TURN HIGH & LOW ALARM TRIP-POINTS CLOCKWISE TO LOWER TRIP-POINT  
 ANTI-CLOCKWISE TO RAISE

TURN BAR-GRAPH FULL & EMPTY ADJUSTMENTS CLOCKWISE TO RAISE DISPLAY LEVEL,  
 ANTI-CLOCKWISE TO LOWER.

THE CALIBRATION JUMPER DOES NOT NEED TO BE SET IF MAKING FINE LEVEL ADJUSTMENTS.

FUEL TANK TRIM POTS			JUMPER POSITION.
1. HIGH LEVEL ALARM	●	STATUS LEDS ON REAR	⊕ ⊖ JUMPER MUST BE IN THIS POSITION FOR NORMAL OPERATION.
2. NOT USED	●		
3. LOW LEVEL ALARM	●		
4. SENSOR FAULT	●		
5. BARGRAPH FULL	⊕ ⊖	JUMPER ON REAR	⊕ ⊖ JUMPER IN THIS POSITION ENABLES STATUS LEDS ON REAR AND DISABLES PUMP RELAY. JUMPER IS ONLY USED WHEN TRIP LEVELS NEED TO BE READJUSTED.
6. BARGRAPH EMPTY	⊕ ⊖		

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