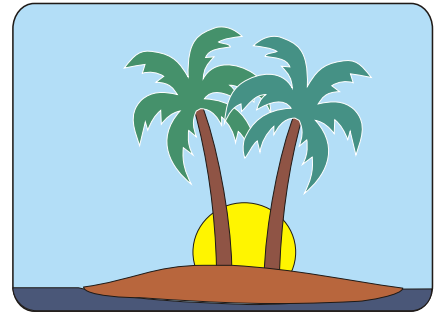


ITIM SYSTEMS

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



DIGITANK 8 EIGHT TANK LEVEL MONITORING & DISPLAY

This system monitors up to eight, TLMP-98 Tank Level Monitoring Probes and provides a dimmable three digit LED display of % Tank Full, for each.

DIGITANK 8 PIM MODULE

The DIGITANK 8 PIM module is the bit you see. The display is housed in a compact sealed flush mount module measuring 66 x 96 mm and includes a three digit LED display of % Tank Full from up to eight tanks with 0.1% resolution for each. The DIGITANK 8 PIM module also includes a display of tank number and two sealed touch switches: one to select the tank displayed and the other to dim the display for night time viewing. The DIGITANK 8 PIM module is supplied as a prewired unit ready for connection to the Tank Sensor Input Module below.

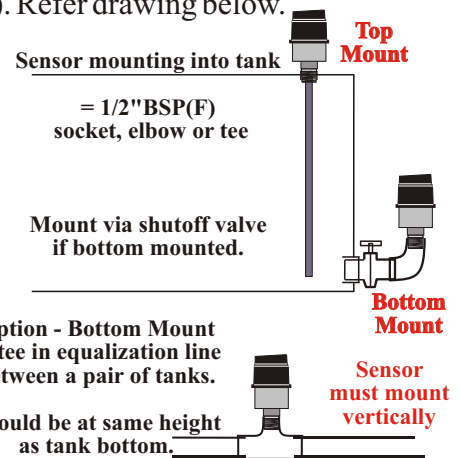


TLMP-98 TANK LEVEL MONITORING PROBES

Each Tank level Monitoring Probe, incorporates a solid state pressure transducer to measure the level of liquid in the tank. Each sensor requires a 1/2" (F) BSP socket for mounting into the tank. It should be in an accessible position, with clearance above. It can be mounted into the top of the tank (TOP MOUNT) or via a shutoff valve assembly and elbow or tee at the bottom of the tank. (BOTTOM MOUNT). Refer drawing below.

TLMP-98 Tank Level Monitoring Probe

mounting options



DIGITANK 8 TANK SENSOR INPUT MODULE

This module is the central termination point and includes plug-in terminals for up to eight Tank Level Monitoring Probes, the DIGITANK 8 PIM module and system power supply, 12 or 24 volts DC. The DIGITANK 8 Tank Sensor Input is mounted into the lid of a glanded junction box which would normally be mounted in an accessible position under your dash.

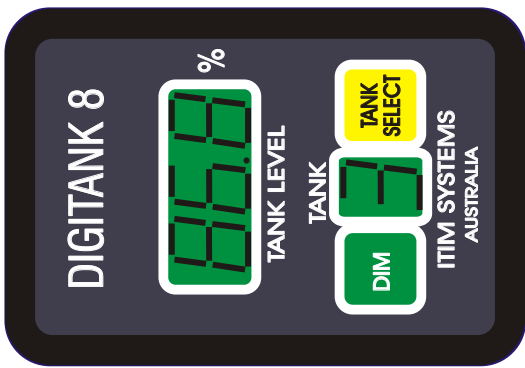
DETAILS REQUIRED

We need to know the depth of your tanks, the tank level sensor mounting type required, the contents of each tank (fuel, fresh water, grey water, black water bilge water etc.) and your supply voltage, so we can customise the units to your requirements.

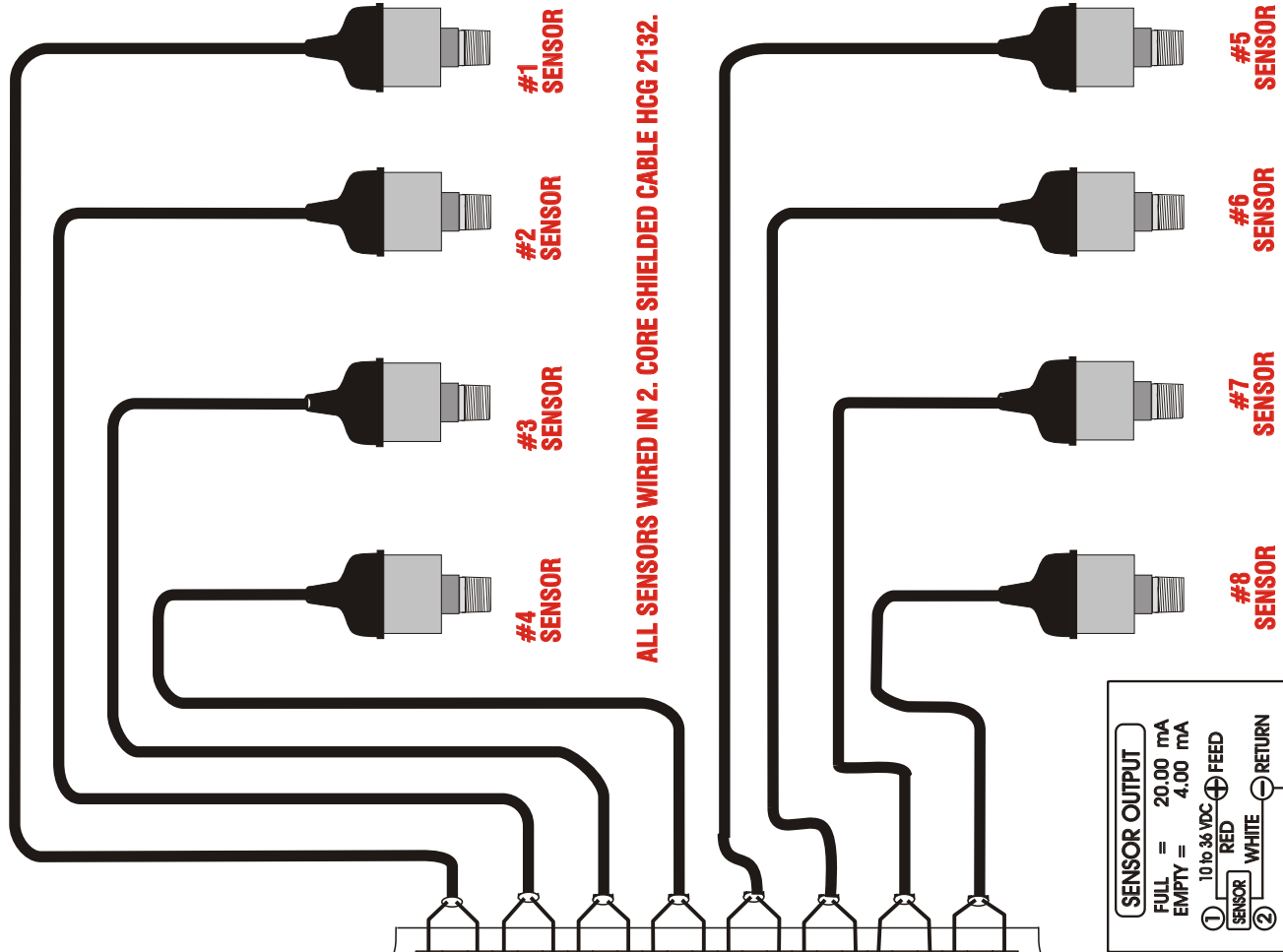
Made with Pride in Australia

Available from

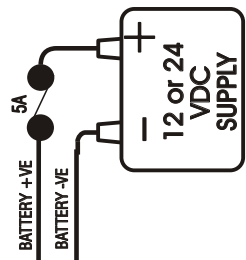




12-CORE
Prewired



digit8ds1.cdr



DIGITANK. TANK CONTENTS LEVEL MONITOR

POWER INPUT

- DC. -VE SUPPLY
- DC. +VE SUPPLY
- RED. 5. VOLT OUT
- BLUE. 5. VOLT LED SUPPLY
- GREEN. TANK SELECT SW
- YELLOW. DIM SWITCH
- WHITE. TANK BCD CODE 'A'
- BLACK. TANK BCD CODE 'B'
- BROWN. TANK BCD CODE 'C'
- VIOLET. ANALOG DATA OUT
- ORANGE. -VE OUT
- PINK. PIEZIO -VE

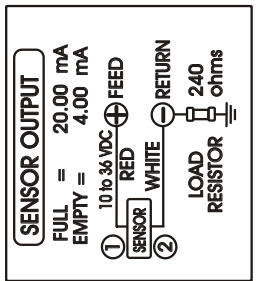
SENSOR INPUTS

RED	SENSOR # 1. BAT +VE 36.
N.C	SENSOR # 1. BAT -VE 35.
WHITE	SENSOR # 1. SEN +VE 34.
RED	SENSOR # 2. BAT +VE 33.
N.C	SENSOR # 2. BAT -VE 32.
WHITE	SENSOR # 2. SEN +VE 31.
RED	SENSOR # 3. BAT +VE 29.
N.C	SENSOR # 3. BAT -VE 28.
WHITE	SENSOR # 3. SEN +VE 27.
RED	SENSOR # 4. BAT +VE 26.
N.C	SENSOR # 4. BAT -VE 25.
WHITE	SENSOR # 4. SEN +VE 24.
RED	SENSOR # 5. BAT +VE 23.
N.C	SENSOR # 5. BAT -VE 22.
WHITE	SENSOR # 5. SEN +VE 21.
RED	SENSOR # 6. BAT +VE 20.
N.C	SENSOR # 6. BAT -VE 19.
WHITE	SENSOR # 6. SEN +VE 18.
RED	SENSOR # 7. BAT +VE 17.
N.C	SENSOR # 7. BAT -VE 16.
WHITE	SENSOR # 7. SEN +VE 15.
RED	SENSOR # 8. BAT +VE 14.
N.C	SENSOR # 8. BAT -VE 13.
WHITE	SENSOR # 8. SEN +VE 12.

SERIAL NO.

CHECKED BY:

ITIM SYSTEMS PTY LTD
4. CRAMOND STREET, WILSTON QLD 4051
PO. BOX 218, RED HILL, QLD 4059
PHONE (07) 3356 1276. FAX (07) 3356 5693



ITIM SYSTEMS PTY LTD 4. CRAMOND STREET, WILSTON QLD, 4051, AUSTRALIA PO. BOX 218, RED HILL, QLD, 4059, AUSTRALIA ISD + 61 7. PHONE (07) 3356 1276. FAX (07) 3356 5693.			
CLIENT	ITIM SYSTEMS PTY LTD		
SUBJECT	TANK CONTENTS CONTROLLER WIRING SCHEMATIC. 4-20mA		
DRAWN	D. SCOTT	DATE	02-02-98
VERSION	02 TLMP-98	DRAWING NO.	DIGITANK8.CDR
REVISION	NIL		