

# COMPONENT

# DIGITAL WATER LEVEL INDICATOR

## OVERVIEW

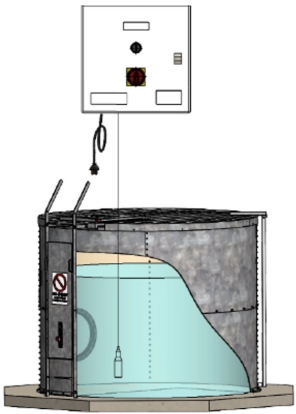
The All Purpose Pumps Digital Water Level Indicator is an advanced system streamlining installation and operation for the contractor and providing best in industry visual display of Rainwater and Potable Water Storage Tanks.

## FEATURES

- Powder coated steel enclosure
- Mains power supply isolator
- 175mm HMI screen with pictographic display of the tank
- Display tank level as either depth in meters or as a percentage full
- Historical data where levels are graphed >14 days
- Battery back-up option for mains failure redundancy
  - Battery healthy or low indication
- 4-20ma level signal output for BMS connection
- 2 x Voltage Free, BMS outputs. Configurable, i.e Tank Low and Tank High alarms
- 2 x additional Voltage Free, BMS outputs for Power Supply Fail and Battery Low
- 240volt flex and plug power supply (1.0m long)
- Submersible Hydrostatic Level Transducer with 20m cable.



## TYPICAL ARRANGEMENT



## RANGE

| MODEL      | STOCK CODE | ENCLOSURE   | BMS OUTPUTS                                     | TRANSDUCER SCALE |
|------------|------------|-------------|-------------------------------------------------|------------------|
| 0-3m Tank  | 5002009    | 350 x 350mm | Low Level VFC<br>High Level VFC<br>4-20ma Level | <3m depth        |
| 0-10m Tank | 5002010    |             |                                                 | <10m depth       |

## NOTES

1. Select Transducer to suit tank depth
2. For cable runs longer than 20m:
  - Terminate level transducer within a metal, breathable junction box adjacent to tank
  - Extend from junction box to level display using a single pair, shielded signal cable. Contact our Team for cable sizing
3. Optional battery powers the unit for approximately 74 hours.

## OPTIONS

| BATTERY BACK-UP FOR MAINS FAILURE REDUNDANCY |                                        |
|----------------------------------------------|----------------------------------------|
| STOCK CODE                                   | DESCRIPTION                            |
| 5002008                                      | Assembled in panel prior to dispatch   |
| CABLE EXTENSION KIT                          |                                        |
| 5002015                                      | Breathable junction box and 25m cable  |
| 5002016                                      | Breathable junction box and 50m cable  |
| 5002017                                      | Breathable junction box and 75m cable  |
| 5002018                                      | Breathable junction box and 100m cable |

