LIQUID LEVEL ALARM - WITH SMS
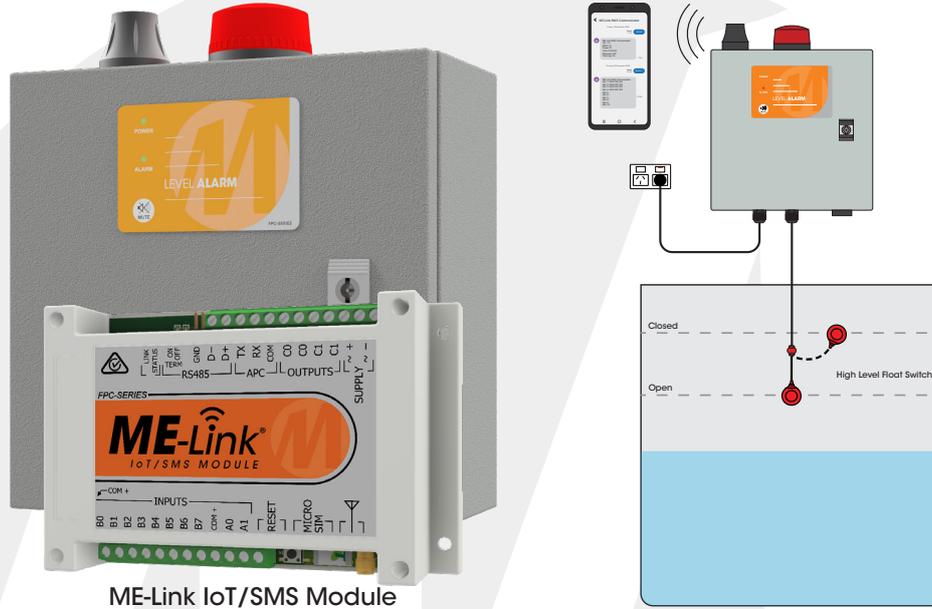
MATelec AUSTRALIA

ME-Link IoT/SMS MODULE

FPC-12651-SMS

MATelec Australia's Liquid Level Alarm with SMS features our newly designed ME-Link module, which is a cellular CAT-M1 remote monitoring and control device utilising the 700Mhz frequency for 'best in class' signal strength. The ME-Link reports status information and alarms from the Liquid Level Alarm and any additional digital inputs. The ME-Link Module can also be utilised to control external devices with the two onboard relay outputs. Easy to set up SMS commands are used to configure the operation and alarms without the need for any additional software.

ME-Link IoT/SMS Module

HARDWARE FEATURES

Enclosure:
- IP54 rated, powder coated mild steel enclosure with removable gland plate

Protection:
- Low voltage control and input circuitry
- Din rail mounted terminal connections

Control & interface:
- Visual (strobe) and audible (buzzer) alarms
- Level alarm keypad interface:
  - Indicator lights for power on, level alarm
  - Alarm mute/reset/test button
- Level alarm PCB control module
- ME-Link IoT/SMS module (requires micro SIM card from network provider with CAT-M1 enabled)
- Vandal resistant antenna (remote mount high gain antenna also available for low signal strength areas)
- Battery for backup on mains power failure

Inputs:
- Single phase (230Vac) power supply
- Digital 12Vdc input for float switch
- 5x Additional 12Vdc inputs on ME-Link module

Outputs:
- 2x Relay outputs on ME-Link module

Included with panel:
- 10 Amp 3 pin 1.5m power supply lead

FUNCTIONS

- **Level alarm -** Provides warning indication and alarm when a water storage tank is empty or full
- **Auto-silencing alarm -** If not muted, the buzzer will silence after 5 minutes, then sound briefly every 5 minutes (this feature can be disabled if a continuous alarm is required)

SMS alarm messaging:
- SMS messaging for level alarm and power/battery supply status, and from up to 5 additional inputs
- Easily programming with SMS commands
- Up to 10 phone numbers can receive messages
- Smart help responses on incorrect commands
- Once, repeat or sequential notification messaging
- Repeat or sequential messaging until user accepted
- Daily reminder messages for active alarms
- Remote control of systems and or devices via the 2 relay outputs
- Periodic test messages to ensure ME-Link is connected and operating
- Temporary disabling of notifications for site servicing
- Logged data for 'last alarm', 'acknowledgment time and number'

Micro SIM card required from network provider with CAT-M1 enabled (currently only Telstra has CAT-M1 enabled)

15mm

12mm

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Code	Description	Enclosure Size
FPC-12651-SMS	Liquid Level Alarm - With SMS	300x300x150mm