



Model : PMU-E01

FOR PUMP WITH ENGINE DRIVE

Excellent Solution for Pump Display and Diagnosis



PUMP MONITORING UNIT

Model : PMU-E01

Engine Control Module



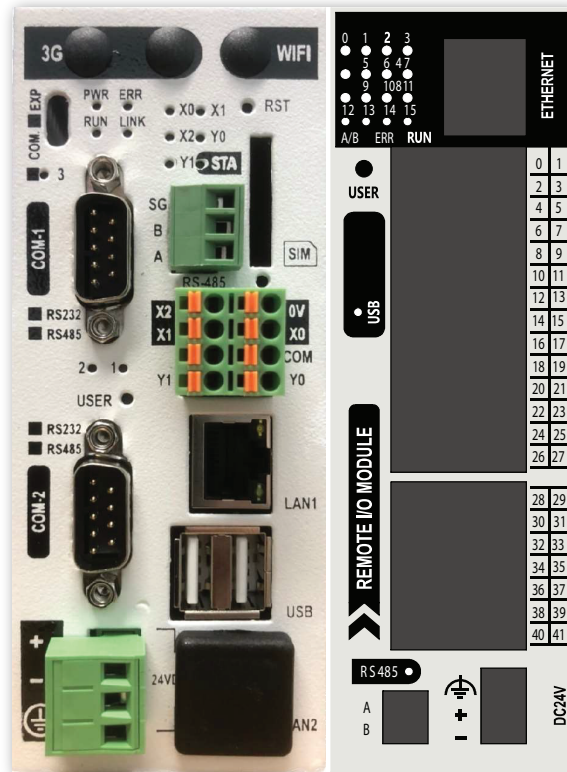
HMI



Data Logger



Internal Memory



Cloud Server



Analog & Digital Measurement



Access to browser page



● ANYWHERE ANYTIME TO CONNECT

-MOBILE / IPAD / TABLET / LAPTOP / PC / SMART TV

Features

Sensor for pump

- Temperature
- Speed
- Vibration
- Pressure
- Flow

Sensor for engine

- Fuel Level
- Engine speed
- Oil Pressure
- Battery Voltage
- Gearbox speed
- Temperature
- Charge Alt Fail

Features on dash board

- On/off working status
- Remote and monitoring
- Real time pumping rate
- Total pumping rate
- Temperature
- Vibration
- Pressure
- Battery status
- Fuel Level
- Start/Stop
- Speed control
- GPS tracking
- Maintenance Due



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SPECIFICATION

Display interface:

- 7 Inch RS232/RS485 Touch Screen

Wired Interface:

- Gigabit Ethernet (10/100/1000M)
- USB 2.0 Type-A

Wireless:

- Ready with Dual-band WiFi (2.4GHz and 5GHz), IEEE 802.11 b/g/n/ac
- Ready with a Dual-band external antenna
- Ready with 3G, 4G, 5G add-on with optional GPS support, 1 x -SIM card slot, and external antenna

Industrial Interface:

- RS485, terminal block
- RS232, terminal block

Analog Input:

- RTD (Pt 100)
- Current (4-20mA,0-10V)
- ADC Resolution: 16 bit

Power In:

- 9 ~ 28 VDC
- DC Jack or optional 3-pin terminal block

Indicator:

- 1 x Power Indicator with LED
- 1 x Status Indicator with LED
- 1 x Network indicator with LED

Operating Temperature Range: 0°C to 50°C

Operating Humidity: 10% to 90%

Mounting Options:

- Wall-mount

Storage:

- Micro SD card for data storage.

Data logging:

- more than 50,000 Record depending on memory.

PROTECTION

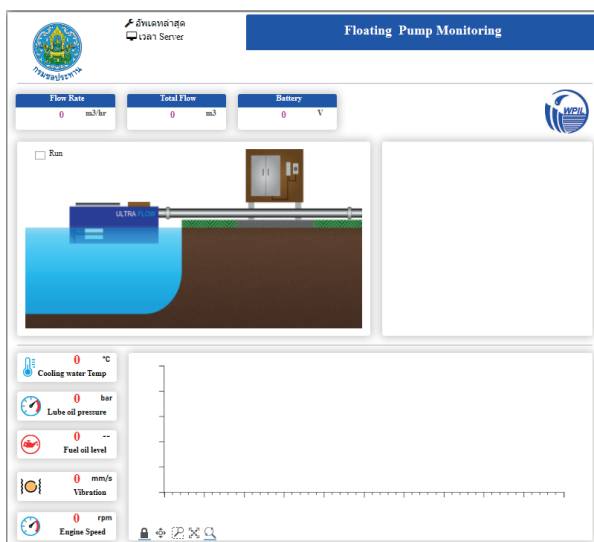
WARNINGS

- High Vibration
- Over Speed
- Under Speed
- Loss of Speed Signal
- Fail To Stop
- Charge Alt Fail
- Battery Over Voltage
- Battery Under Voltage
- Maintenance Due
- ECU Warn
- Temperature Sensor Open Circuit
- High Temperature
- Low Temperature
- Oil Pressure Open Circuit
- Low Oil Pressure
- Level Sensor Open Circuit
- Low Fuel Level
- Outlet Pressure Sensor High
- Outlet Pressure Sensor Low
- Over Flow Warn
- Gearbox Over Speed
- Gearbox Under Speed
- End Of The Mandate

SHUTDOWN ALARM

- Emergency Stop
- High Vibration
- Over Speed
- Under Speed
- Loss of Speed Signal
- Maintenance Due
- ECU Shutdown
- ECU Fail
- Temperature Sensor Open Circuit
- High Temperature
- Oil Pressure Open Circuit
- Low Oil Pressure
- Level Sensor Open Circuit
- Outlet Pressure Sensor High
- Outlet Pressure Sensor Low
- Outlet Pressure Open Circuit
- Over Flow Shutdown
- Gearbox Over Speed
- Gearbox Under Speed
- End Of The Mandate

Dash Board Remote and Monitoring



Collaborative Devices

● Touch screen



● Engine Control Module



INTERNATIONAL OPERATIONS

- WPIL LIMITED., "Trinity Plaza", 3rd Floor, 84/1A, Topsia Road(South) Kolkata 700046 ,India,
Phone : +91 33 4055 6800 Fax : +91 33 4055 6835, E Mail subrata@wpil.co.in
- THAILAND :WPIL (Thailand) Co, Ltd., 23 soiSathiyuttakam 3, T.Thasai A. Muang, Nonthaburi 11000, Thailand,
Tel :+66 (2) 952 3397 , E Mail : wpil.thailand@gmail.com Website : www.wpil.co.th
- AUSTRALIA : Sterling Pumps Pty Ltd., 14 Sharnet Circuit, Pakenham, Victoria, 3810, Australia.
Tel : +61 3 9729 5044 , Fax +61 3 9729/3522 Email: sales@sterlingpumps.com.au / Brian@sterlingpumps.com.au,
Website : www.sterlingpumps.com.au
- UK : Mathers Foundry Limited., Park Works, Grimshaw Lane, Newton Heath, Manchester M40 2BA ,
Tel : +44(0) 161 954 4347 Fax :+44(0) 161 205 2455,E Mail : sales@mathersfoundry.co.uk
Website : www.mathersfoundry.co.uk
- SOUTH AFRICA : A.P.E Pumps (Pty) Limited., 26 Nagington Road , Wadeville ,Germiston,
Tel: +27 11 824 4810, Fax: +27 11 824 2770, E Mail : info@apepumps.co.za
Website : www.apepumps.co.za / www.matherandplatt.com
- ITALY : GruppoAturiaGessate,PiazzaAturia, 9, 20060 Gessate (Milano) Tel. : +39 02 95423200,
Fax : +39 02 95423202 E Mail : aturia@gruppoaturia.it Website : www.gruppoaturia.com
- Authorised Representative in Nepal: Inter Trade Nepal,Munalpath West, Munalpath West, Trimurti Path, Ward No. 5
Biratnagar, Morang, Province No. 1, Nepal Office : +977-21-503159 Mobile : +977-9852020408 / +977-9852020407
Whatsapp : +977-9811044777 / +91-9413734041 Email : intertradenepal@gmail.com, kedianepal@gmail.com



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WPIL Limited

CORPORATE & REGISTERED OFFICE

"Trinity Plaza", 3rd Floor, 84/1A, Topsia Road (South),
Kolkata - 700046, (India))

Phone: +91 33 3021 6800

Fax: (91 33) 3021 6835

www.wpil.co.in