



PUMP ENGINEERING^{LTD}

Riverside Industrial Estate, Littlehampton, West Sussex, BN17 5DF, England
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The PE Twin Pump Controller is a microprocessor-controlled, duty/standby/assist control panel for use with twin pumpsets transferring from a bulk to a day tank, incorporating tank level controls, bund/seal leakage detection, BMS and fire system interface, using an innovative modular construction.

Its Main features include :

1. A compact, self-contained microprocessor panel with plug-in connections.
2. Automatic pump changeover with alternate starting sequence.
3. Auto/off/manual facility for each pump.
4. Bulk tank level controls with low/low pump protection, giving local LED and sounder indication and a remote alarm signal.
5. Day tank level controls with high and low level alarms, giving local LED and sounder indication and a remote alarm signal.
6. Building Management Interface (BMS) including fire cut off.
7. Standard voltage 240/1/50 (415/3/50 or 110/1/50 available).
8. Mounted in an epoxy-coated steel enclosure 400mm x 500mm x 150mm.

Optional extras include extra volt-free contacts for external equipment, internal RCDs interlocked with pump changeover and an alarm in the event of a pump failure. For critical systems, a remote dialler can be fitted which can send a text message to a mobile phone

Note : Please specify voltage and pump current when ordering.



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BMS Outputs as standard (commoned to two relays):

Relay 3 Relay 4

Bulk low low Bulk low
Day high high Day low low
Fire Pump 1 tripped
Pump 2 tripped
Bund leak / full
Emergency stop active
In manual, both pumps off will sound local panel alarm only (maintenance).

Additional BMS Outputs Option

We can fit an additional interface board with the following functions:

- 1 Day tank High High
- 2 Day tank Low Low
- 3 Bulk tank Low
- 4 Bulk tank Low Low
- 5 Pump 2 Fail (Overload or input from external flow switch)
- 6 Emergency Stop
- 7 Bund Alarm
- 8 Fire Cut-off
- 9 Pump 1 Fail (Overload or input from external flow switch)
- 10 Flow switch
- 11) Pump 1 run
- 12) Pump 2 run

Please specify outputs required when ordering as we will need to fit a separate relay with volt-free contacts for each output required.

Pump Engineering offer a extensive range of Pumps, Flowmeters, Valves, Pump Control Solutions and Systems. Visit our Website at www.pumpeng.co.uk for more info.

Pump Engineering – More than Just Another Pump Company