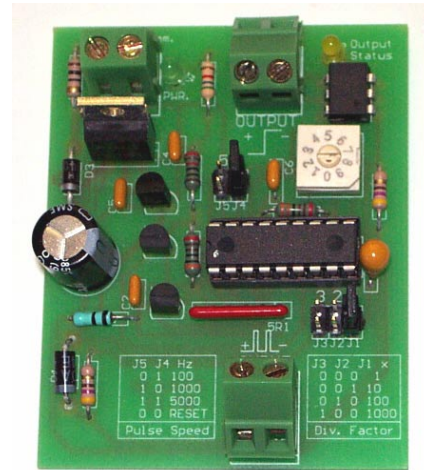


PULSE TOTALIZER

FEATURES:

- ◆ Optically Isolated Output.
- ◆ Wide Pulse Frequency Range.
- ◆ Non-volatile Memory.
- ◆ Small Size and Easy Installation.
- ◆ Low cost, ideal for Energy Management Applications.



APPLICATION:

The ETPULSE board interfaces fast changing pulses with a standard Digital Input (DI) DDC channel.

The board is intended to interface energy metering devices such as kWh and BTU meters or flow metering transducers (steam, condensate etc.) that produce fast pulses or frequency output.

It can be also used in any application where a short of fast pulse cannot be monitored by a standard DDC input.

PRODUCT DESCRIPTION:

The ETPULSE interface accepts fast changing pulses, accumulates them and changes the output status after a selected number of pulses is received. This number, referred as divider, is user selectable by a micro-switch and jumpers. The divider can be set from 1 to 10 in step of 1 and multiplied by 10, 100 or 1000.

The board features user selectable noise rejection filters to eliminate erroneous readings that may be caused by contact bouncing. The two filtering modes are jumper selectable for vary fast and slower pulses.

The board has a non-volatile (EEPROM) memory to retain the accumulated pulse count total. This will prevent pulse miscalculation during momentary voltage disturbances and/or power outages.

The board is equipped with angular connectors for easy wiring. It mounts in a 2.75" wide snap-track (provided).

ORDERING INFORMATION:

ETPULSE - fully describes this board.

SPECIFICATIONS:

Power: 24 VAC/VDC, 2 VA

Input: Dry contact, open collector or voltage pulses.
Max. frequency 10 kHz.

Output: MOSFET relay (dry contact) - change of state after a pre-defined number of pulses is received.

Dividers: From 1 to 10, micro-switch selectable, with 10, 100 and 1000 multipliers.

Indication: Power Supply - green LED, output status - yellow LED.

Dimensions: 3.1 x 2.75 " (80 x 70 mm) , board mounts in TR-2 snap track (provided).