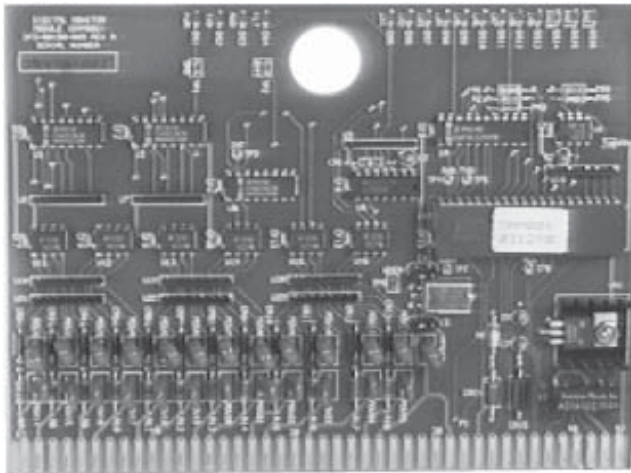


Pulse Accumulator Module



**Data Flow
Systems, Inc.**

DATA FLOW SYSTEMS, Inc. * 659 Eau Gallie Blvd * Melbourne, FL 32934 * (407)259-5009



DESCRIPTION:

The Pulse Accumulator Module (PAM001) is a microprocessor-controlled, digital multi-input module. It is electrically the same as the Digital Monitor Module (DMM001). Instead of monitoring the ON/OFF status of each point, it counts the number of pulses on each point. It is configured as a DMM module, at the central site, with 12 pulse points. A report threshold starts out at 256 pulses. Each time the module is polled for change/nochange, it divides this threshold by 2. This keeps the radio link from saturating during high pulse periods.

SPECIFICATIONS:

Board size	5.25" x 6.88"
Input Voltages	10-30 volts AC/DC, 30-300 volts AC/DC with inline resistors
Input Protection	M.O.V., Transorb, and Opto- isolated
Input Impedance	6K Ω
Supply Voltage	8 to 14 VDC
Supply Power	1.7W
Min Pulse Width	25 mSEC
Max Burst Freq	40 PPS
Max Cont. Freq	8 PPS

FEATURES:

- 12 input points
- Opto-isolated inputs
- LEDs indicate the status of all inputs
- On board voltage regulation
- Watchdog Timer
- LEDs on power, transmit data, receive data, and CPU failure
- On board communications and functional firmware
- Surge protected (nondestructive)
- No adjustments, switches or straps (self configuring)
- Keyed to prevent damage
- Gold edge connector fingers
- Module removable without disturbing field wiring
- Power interlocked to prevent removal with power applied
- Very accurate measurement of many types of flow
- Communications protocol makes it virtually impossible to drop any pulses.
- TAC II system compatible

TYPICAL APPLICATIONS

- Rain Guages
- Flow Meters
- Power Meters

Order model PAM001
No Longer Available

REPRESENTATIVE: