



**MULTI-VENDOR DATA COLLECTION COMPATIBLE
LINE-SHARED / LINE-SURRENDER CAPABILITY**

2-Channel, Landline Modem-based Pulse Data Logger

The 2-channel Pulse Accumulator is designed to support most C&I smart metering/AMR analog modem based applications



Designed to be either wall or meter mounted (with a Mercury Instruments UMB), the Pulse Accumulator is a battery-powered, phonenumber-based data logger of low frequency meter pulses. Both input channels and stored consumptions can be independently scaled to different units of measure, providing maximum value and flexibility.

Product Features

- 2 independent input channels
- Low power requirements: 3+ years from four D-cell alkaline batteries
- Shared phone line capability: configurable for line share/line surrender
- Durable composite material case with hinged door
- Multi vendor data collection compatibility
- Force-a-call feature
- Wireless communications availability: CDMA, GPRS/GSM, satellite, cellular control channel, radio
- Power control: for battery-operated wireless modem operation

Find Out More:

To learn more about Mercury Instruments products, contact your Honeywell Process Solutions representative, visit www.mercuryinstruments.com or call 513-272-1111.

Automation and Control Solutions

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Specifications

Environmental

- -40°F to 150°F
- Ambient Humidity : 0 to 100% Non-condensing

Communications

- 2400/1200 baud rate
- Call out (host initiated)
- Call in (instrument initiated)

Software

- MasterLink, AutoLink, DC2009, Itron MV90, and other third party software providers

Data Inputs

- FW Filter ON / OFF
- Min on pulse width: 150mS / 40mS
 - Min off pulse width: 150mS / 60mS
 - Max bounce time: 10mS / 2mS
 - Max frequency: 3Hz, 50%DC / 10Hz, 40%DC

Memory

- 4+ days of hourly/10 user specified log items
- 1+ year+ of hourly/10 user specified log items (optional)

Firmware

- Field upgradable via Flash Program Memory

Pulse Input Circuit

- Full temperature range
- Max wetting current provided = 35 microamps
- Max transmitter leakage current = 7 microamps
- Max Pulser + Line Resistance = 200 ohms
- Max line length = 300 feet

Power

- 4 D-cell alkaline disposable battery pack
- 4 D-cell alkaline receptacle battery pack
- 4 D-cell lithium disposable battery pack

Certifications



NRTL/C

- Class 1, Division 2, Group C & D

Enclosure

- 20% glass-filled polycarbonate
- Weight: 3.7 lbs
- Wall Mount or meter-mount

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