

# Easy to Install and Cost-Effective

## MADE IN THE USA

# PULSER TYPE I & TYPE IA

## FEATURES

Easy to install and cost-effective pulse retrofit. The Type I and Type IA install behind the meter's index, allowing continual pulse output even with index malfunction. Pulses are proportional with the volume that has passed through the meter.



## GENERAL INFORMATION

Designed for use on Honeywell American Meter (Elster) diaphragm meters with front-mounting index.

Models include: AC-250, AM-250, AC-250NX, AT-210, AT-250, AL-425, AC-630 and AC-800.

*List is not inclusive of all meters; for a complete list contact IMAC.*

## KEY ATTRIBUTES

- Low profile design
- Durable and robust aluminum machined housing
- Anti-reverse flow false count feature
- Installation without meter shutdown
- 2-wire form 'A' reed switch (polarity not sensitive), single pole, single throw, normally open (UL #561760)
- Weather resistant and corrosion resistant

## APPLICATIONS

- Building management systems (BMS)
- Load studies
- SCADA
- Electronic volume correctors
- Remote reading
- AMR/AMI/Billing and energy management system (EMS) integration



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## INSTALLATION

### SPECIFICATIONS

Switched Power (Max):	10W
Switched Voltage DC (Max):	300V
Switched Current DC (Max):	0.4A
Carry Current DC (Max):	1.4A
Operate Time (Max):	1.0ms
Switch Type (SPST-NO):	Form 'A'

### OPTIONS

- Dual pulse output
- Increased pigtail length
- Internal wiring terminal block
- Special wire connections
- Form 'C' switch

The Type I and Type IA pulsers mount to the meter by utilizing the four screw holes used to install the meter's index box. Instead of the index being attached directly to the meter, the index is attached to the pulser and the pulser to the meter. Each pulser includes (4) mounting screws, (2) tamper seals and a gasket.

### PULSER VERSIONS

#### TYPE I

*2 pulses per revolution*

**Part Number: 307-F0001**

2 CF Index Drive Meter: 1 Pulse = 1 Cubic Ft

1 CF Index Drive Meter: 1 Pulse = 0.5 Cubic Ft

#### TYPE IA

*1 pulse per revolution*

**Part Number: 307-F0002**

1 CF Index Drive Meter: 1 Pulse = 1 Cubic Ft

2 CF Index Drive Meter: 1 Pulse = 2 Cubic Ft

