

# RUN-TIME PULSE MODULE

MODEL RPM-24

## DESCRIPTION

The RPM-24 is a self-contained module designed to be used with Aclara 501-7150 R-type MTU units to convert run time (on time) to counts.

**5 YEAR WARRANTY**

## APPLICATIONS

Applications include operating cost allocations based on run time. Typical systems are hydronic heating systems and loop water heat pump systems. Partial cycle times are retained in memory so there is no loss of accuracy.

## FEATURES

- Self-powered for ease of installation.
- Low-profile case for tight spaces.
- LED indicator of 24Vac presence and pulse output.



## SPECIFICATIONS

### INPUT

Voltage ..... 24Vac  $\pm$ 25% (18-30Vac)  
20mA max @ 60Hz

### OUTPUT

Type ..... 1Pulse (low impedance) per 10s  
Pulse Rate ..... 6 Pulses/min  
Pulse Duration ..... 500ms  
Pulse Impedance (low) ..... <3 $\Omega$   
Pulse Impedance (high) ..... >1M $\Omega$   
LED (green) to indicate presence of 24Vac, pulsing off during low impedance cycle.

### INSTRUMENT POWER

Type ..... Self-Powered

ACCURACY .....  $\pm$ 1%

### TEMPERATURE

Operating Range ..... -10°C to 55°C  
Storage Range ..... -40°C to 85°C

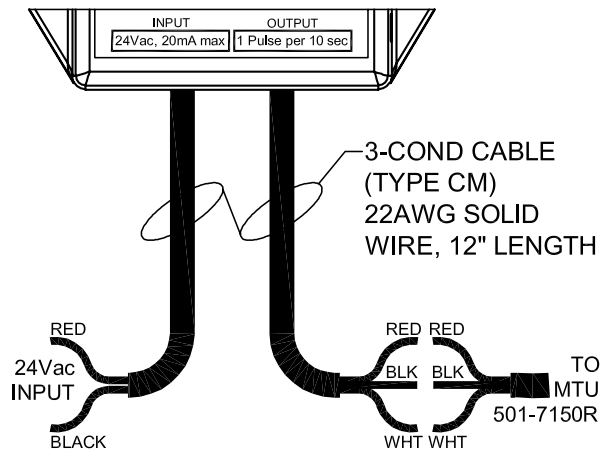
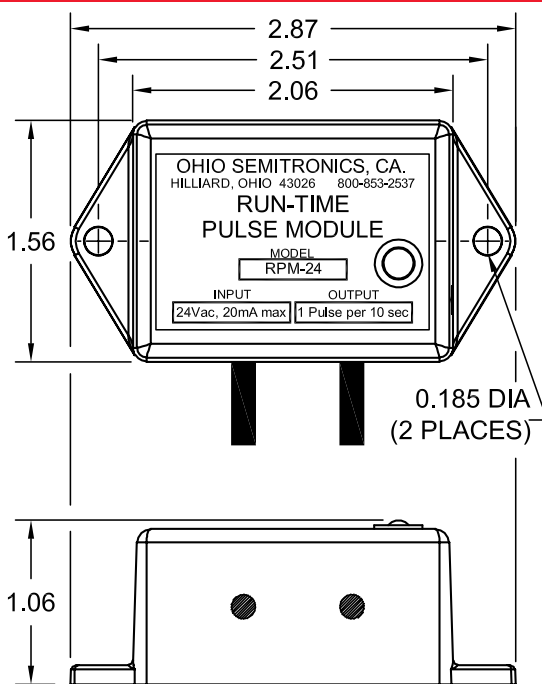
### ENCLOSURE

Material ..... ABS, black, UL 94V-0  
Size (H x W x L) ..... 1.0 x 1.5 x 2.0 in.

### PHYSICAL

Operating Humidity ..... 0-95% non-condensing  
Weight ..... 1.5 oz.  
Termination ..... 12 inch, 22 AWG, solid

## CONNECTIONS AND DIMENSIONS



0902-00810-B