

EKM METERING INC.

Eight Digit Pulse Counter - EKM-PC8 Spec Sheet



Description:

This is a well made 8 Digit Pulse Counter that will count and display pulses. These pulses could be from your Pulse Output Water Meters, or your Pulse Output Gas Meters. The Pulses reflect a usage value. For example, our 3/4 Pulse Output Water Meter pulses once for every 1/10 cubic foot (approx. 0.75 gallon) that passes through it. The Pulse Counter will count those pulses. As the pulse counter has an 8 digit display, it can count up to 99,999,999 pulses, or in the case of the aforementioned water meter, approximately 75 million gallons.

Technical Specifications:

- Input: relay or dry contact switch
- Power: internal lithium battery
- Input: short circuit impedance: 10K Ω max.
open impedance: 500K Ω min.
short circuit residual voltage: 0.5V max.
- Max. Counting Speed: 10cps (signal width > 50ms)
- Display: 6.7mm 8:8 Bit LCD
- Weight: approx. 60g
- Operating Temperature: -10~40°C(14~104°F)
- Humidity: 35~85% RH
- Terminals: screw type
- Reset: Manual external reset
- Reset signal: ≥ 0.2 seconds
- Battery Life: ≥ 10 years

Installation:

- Dimensions: 48mm wide x 24mm Tall x 47mm Deep
- Panel Cutout Dimensions: 22mm x 45mm
- Input Connections: terminals 1 and 2
- Reset Connections: terminals 3 and 4
- Note: keep input wiring as short as possible(200ft max.)
- For use with pulse output Water or Gas Meters:
 - Connect the leads coming from the meters to terminals 1 and 2 on the Pulse Counter. Either lead can connect to either terminal.

