

## FIELD MOUNTED FLOW INDICATOR AND TOTALIZER

8088FF

- Input: 4 to 20mA DC or Pulse
- Displays Rate and Integrated Total
- Choice of Aluminum or SS316 Enclosure
- Explosion Proof Certified
- 3 Year Warranty



### Introduction

IME Model 8088FF is a Digital flow indicator that accepts a 4 to 20 mA signal or pulse from a flow meter and displays the flow rate and the totalized flow.

### Description

IME Model 8088FF Flow Indicator/Totalizer is designed for use in process industries where vibration, inclement weather and corrosive atmospheres prevail. The electronics are enclosed in a low copper epoxy coated Aluminum housing and for more aggressive environments, a SS316 housing is optionally available. The housings meet the requirements of NEMA 4X and IP67, and are also certified Explosion Proof by FM/CSA and ATEX(GENELEC). Intrinsic Safe Certified units can also be used in Zone 0, when connected to approve zener barriers.

### LED Meter

The flow rate and the totalized flow are scaleable from the front panel and displays are updated in less than one second. All parameters can be assigned from the front panel utilizing membrane keys or by using an IR Remote Controller (See page 26). This feature allows the unit to be re-ranged in the field through the safety glass window, without even opening the cover of the instrument. Since the IR Remote is IS certified, it can also be used in hazardous areas

### Functional Specifications

#### Indication Accuracy

0.1% of calibrated range

#### Display Height for Flow Rate

7.6mm (0.3"), 4 Digit LED

#### Display Height for Totalized Flow

7.6mm (0.3"), 6 Digit LED

#### Stability Over Time

0.1% of Calibrated Range +/- 1 digit over 6 months

#### Features

Fully configurable settings such as Flow Rate, Time Scale (Seconds, Minutes Hours and Days). Decimal, Reset etc

#### Power Supply

18~28V DC

#### Operating Temperature

-50 to 70°C

#### Weight

0.9Kg (2Lb) for Aluminum Unit and 1.4Kg (3Lb) for SS316 unit

#### Material of Construction

Enclosure Epoxy painted Low Copper Aluminum or SS316 as specified

#### O Rings

Buna N