

PANEL MOUNTED LOOP POWERED INDICATOR

9008PP

- 4~20 mA INPUT
- PANEL MOUNT 1/8 DIN, HIGH IMPACT PLASTIC
- LOOP POWERED
- FRONT PANEL MEETS NEMA 4 REQUIREMENTS
- 4 DIGIT 0.5" LCD DISPLAY
- SELECTABLE DECIMAL POINT
- ENGINEERING UNITS DISPLAY SET VIA MEMBRANE SWITCHES
- 3 YEAR WARRANTY



Introduction

IME Model 9008PP Loop Powered Digital Indicators allow the process variable from any 4-20mA current source to be monitored. Since the unit derives its power from the loop, no additional power supply or wiring is needed. Because of its low voltage drop (5.5 Volts at 20mA), it can be incorporated into almost any 2 wire loop, where local indication of a process variable is needed, because the integral transmitter indicator is inaccessible to view or is at a different location

Description

The Model 9008PP Life Saver Series is a 4 digit loop Indicator using a state of the art advanced microcontroller that derives its power from the 2 wire transmitter loop. The engineering unit can be made to read -999 to 9999 by adjusting membrane switches on the front panel. This feature eliminates all potentiometric settings and allows the unit to be adjusted using the membrane switches on the front panel.

Ordering Information

Model	Description
9008PP	Panel Mounted Loop Powered Indicator with 4 Digital LCD Display
9008PP	Typical Model Number

Functional Specifications

Indication Accuracy

0.1% of calibrated range +/- 1 digit

Calibration

Via membrane switches on the front panel

Display Height

12.5mm (1/2") high, LCD user selectable decimal point

Stability Over Time

0.1% of calibrated range +/- 1 digit over 6 months

Over Range Indication

Indication of "1" on display

Response Time

Typically 75ms

Failure Mode

Failure will not affect the loop integrity

Voltage Drop

5.5 Volts at 20mA

Operating Temperature

-20 to 70°C

Weight

0.18Kg (0.4Lb)

Material of Construction

High Impact Plastic