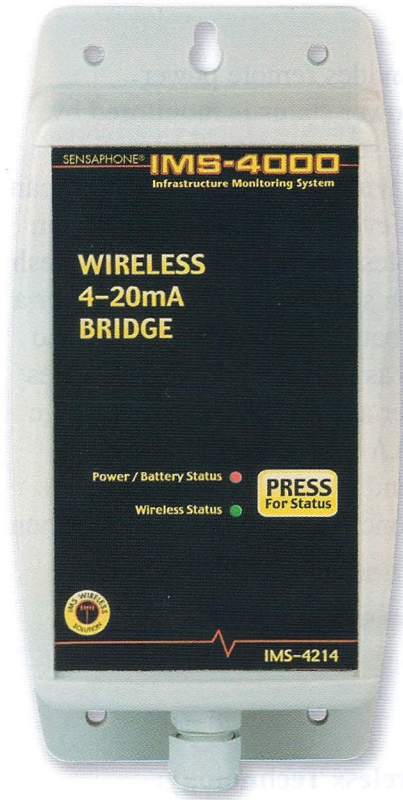




Wireless 4-20mA Sensor

Description

The IMS-4214 Wireless 4-20mA sensor provides remote monitoring of 4-20mA transducers without running wires. The 4-20mA signal is sent from the sensor to the IMS-4200 Wireless Node via an integrated 2.4GHz wireless radio. An internal 24V DC supply is built-in to power the current loop. The device can transmit its signal up to 250' indoors and even greater distances when it has line-of-site. The IMS series of wireless sensors also feature mesh networking technology, which allows each sensor to be used as either a wireless sensor/router or as a low-power battery operated sensor (also referred to as an end device). When used as a router, greater distances can be realized because each sensor/router adds another 250' of range to the system. The sensor comes with 3 AA alkaline batteries which will power the sensor when main power fails. A plug-in power supply is included.



Specifications

Operating Temperature Range:

32° to 95°F

Operating Humidity Range:

5-90% RH

Input Load:

260 Ohms

Loop Current:

20mA max

Accuracy:

1%

Loop Power:

24V DC 30mA max

Power Requirements:

(3) AA Batteries and 5VDC (300mA) plug in adapter

Wireless Technology:

ISM 2.4GHz, 100 mW (20dBm)

Housing:

White plastic

Size:

6.8" x 3.5" x 1.5"

Compatibility:

IMS-4000 Wireless Node

**Specifications subject to change without notice*

Package Contents

- (1) 4-20mA sensor
- (1) 5V DC wall plug-in power adapter
- (3) AA alkaline batteries
- (2) Plastic drywall anchors
- (2) #6 Metal tapping screws

