

### 4-20mA Bridge



#### Description

The 4–20mA Bridge allows you to connect a 4–20mA transducer to your Sensaphone IMS unit. The 4–20mA Bridge features optical isolation between the input and the IMS unit, which ensures trouble-free operation and safety. The electrical connection between the bridge and IMS is made via RJ-45 patch cable (not included). The bridge may be mounted either on a wall or rest on the floor.

The connection from the sensor to the Host or Node can utilize your existing network wiring infrastructure. For example, the bridge may be installed in another room or another floor. Connect the bridge to your structured wiring network via an RJ-45 jack. At the other end, connect a patch cable from your structured wiring patch panel directly to the Host or Node environmental input.

#### Package Contents

- (1) 4-20mA Bridge
- (2) Plastic drywall anchors
- (2) #6 Metal tapping screws
- (4) Rubber Feet

#### Specifications

**Input:**  
4–20mA DC

**Current Limit:**  
50mA

**Input Impedance:**  
Variable (1000Ω @ 4mA, 260Ω @ 20mA)

**Accuracy:**  
± 0.25%

**IMS Connection:**  
RJ-45

**Operating Temperature Range:**  
32° to 122°F (0° to 50°C)

**Housing:**  
Black plastic with mounting ears

**Compatibility:**  
IMS-4000, IMS-4000 Node,  
IMS-1000

*\*Specifications subject to change without notice*

4-20mA Bridge . . . . . IMS-4851

