

Intelligent Loop Powered Beacon

The Intelligent Loop Powered Beacon provides a synchronized “flashing” red, amber or clear w/red LED beacon mountable in an individual intelligent detector base.

Each Intelligent Loop Powered Beacon receives power and communications from a single pair of wires connected to any of the Axis^{AX} Series Intelligent Fire Alarm Control Panel’s SLC (signaling line circuit) loops.

The Intelligent Loop Powered Beacon has been specifically developed as a supplement to audible signals in areas where there is a risk that an audible signal may not be heard. In addition, the amber colored beacon can be utilized in areas where there is a need for visual indication of a mass notification signal.

The Intelligent Loop Powered Beacons can also be utilized as a staff warning visual signal of off normal conditions in areas where signaling would not be beneficial to individuals or the environment.

Tremendous installation cost advantages can be realized when installing Intelligent Loop Powered Beacons due to material and labor savings. Since power is provided by the Axis^{AX} Series Intelligent Fire Alarm Control Panel’s SLC loop, there is no need for additional power supplies or additional wire.

There is a built-in beacon self-test facility which is automatically activated during normal operation or can be manually activated during walk-tests. A trouble signal is generated at the panel if the LEDs do not draw current when activated.

The Intelligent Loop Powered Beacon mounts to any Axis^{AX} Series Intelligent Detector Base. When mounted to the Axis^{AX} Series Intelligent Sounder/Beacon Base individual control of the Sounder/Beacon Base and the individual Beacon is possible.



Unique Features:

- Available in Red, Amber or Clear Lens
- Uses High Intensity LED
- 1 Hz Flash Rate
- Built-in Synchronization
- Integral Self-Check Feature
- Wide Angle of Visibility

Features:

- Synchronization of Beacon Flash
- Low Current Consumption
- Unique Automatic & Manual LED Check
- Flash Rate of Once per Second
- “One-Way-Only” Base Insertion
- Locking Mechanism for Base Locking

Listings and Approvals:

- ETL ANSI/UL 1638 Listed: 100027836NYM-002
- ETL ANSI/UL 864 Listed: 3118002NYM-001B
- CSFM Approved: 7300-1713:0116
- NYC FD COA: 6105

The Intelligent Loop Powered Beacons are specifically designed to enable “one-way-only” base insertion without any need for force. Simply insert the beacon into the base and rotate clockwise. Incorporating a high degree of protection against unauthorized removal, each beacon can be locked to its associated base by a mini-hexagonal screw.



By utilizing the Advanced unique method of addressing, each Intelligent Loop Powered Beacon is assigned an address via the Axis^{AX} Series Intelligent Base patented address (“XPerT”) card. The address is quickly and easily set by removing “pips” on the XPerT card according to a chart supplied with each base. By addressing the Loop Powered Beacon in the base rather than in the beacon, the all-too-common errors associated with device removal and maintenance are eliminated.

Loop Powered Beacon Specifications

Operating Voltage	17-28 VDC (polarity sensitive)
Operating Current	
Quiescent	150 μ A
Beacon Active	.003 Amp
Activation Surge	.001 Amp for 100 ms
Environment	Indoor, Dry
Operating Temperature	32-120° F (0-48° C)
Humidity	10-93% (non-condensing)
Dimensions (Width & Height)	3.93"W x 2"H
Weight	3.0 oz
Housing	Polycarbonate, 94 V0

Ordering Information

55000-877ADV	Red Beacon
55000-879ADV	Amber Beacon
55000-878ADV	Clear Beacon w/Red LED

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.



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