

LOOP POWERED BEACON

Intellia ESI-80 Loop Powered Beacon

The beacon has been developed as a supplement to sounders in situations where there is a risk that sounders will not be heard. This occurs, for example, where there is high background noise e.g. in a workshop or a machine room or in a music room at school.

The Intellia series of products are all compatible with the ALC-board of an FX-panel.

The Intellia ESI-80 Loop-powered Beacon is a local-area beacon designed for indoor use.

Features:

- uses high intensity LED —more reliable than xenon beacons
- automatic LED check when beacon activated
- fault signal if LED check failed
- lockable, like a detector
- wide angle of visibility
- synchronised with each other and with Apollo sounders (flashes once a second)
- low current consumption

Mechanical construction

The case of the beacon is made of white with stainless steel contacts. The diffuser is made of red, translucent polycarbonate.

Installation

The beacon can be fitted to any Intellia base. When fitted to an ancillary base sounder, the sounder will be controlled by the beacon.

If the use of an intelligent sounder is specified, the beacon is fitted to a mounting base which in turn is fitted to the intelligent sounder. The devices can then be controlled separately.

Loop loading and addressing

Up to 20 beacons may be fitted between standard Intellia isolators or isolating bases. The Loop-powered Beacon must be assigned an address by coding the XPERT card in the base.



Technical data

Operating voltage	17 – 28 VDC (polarity insensitive)
Current consumption at 24 VDC	
- quiescent	150 µA
- beacon operated	3 mA
- switch-on surge	1 mA for 100 ms
Flash Rate	1 Hz
Light Output	1,75±0,5 candela
IP Rating	IP42
Operating temperature	–20 °C to +60 °C
Humidity (no condensation)	0 – 95 %
Dimensions (Ø x H)	115 x 38 mm
Weight	140 g
Material beacon contacts	Polycarbonate Stainless steel
Fixing centres	50 – 60 mm
Product code	0672 8080
Bases:	
Standard	EBI-10 0672 0010
Relay	EBI-20 0672 0020
Isolator	EBI-11 0672 0011

Pelco reserves the right to modifications.

Additional equipment

A weatherproof enclosure, product number 0672 8127, is available. This allows the beacon to be used outside and in high moisture environments such as swimming pools and food processing areas where wash down occurs.

Note!

When using the beacon outside, please ensure that it is not placed where there are high ambient light levels.