FCX-170-001

Fusion Wireless Detector Base

General

The FCX-170-001 is a wireless detector base for use with point type, Fusion wireless detectors. It is ideal for applications where cable interface is difficult to manage or impossible to achieve.

The base connects wirelessly to the Fusion interface unit, which in turn transmits the wireless detector signal to the fire panel hardware loop.

The Range

The Fusion series consists of:

· Optical Smoke Detectors
· Multisensor Smoke Detectors
· A1R Heat Detectors
· CS Heat Detectors
· Sounders in red and white
· Combination Sounder VIDs and VADs
· Manual Call Points
· Interface Modules

Operating Principle

Wireless devices are often installed in buildings where wiring presents a challenge because the fabric of the building or its design is negatively affected by the use of cables. It could also be difficult to introduce cable runs into heritage buildings. It is for these architecturally sensitive buildings that the Fusion series was developed.

Every Fusion device is assigned an address from is base. This address is converted by the Fusion wireless loop interface to a device address similar to a wired device connected directly to the loop wiring.



Détails

- Easy to install
- Electronic addressing
- Self-monitoring
- Proven technology
- Eliminates cable installation problems
- Uses 868 MHz radio channels

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Spécifications techniques

Général

Fréquence radio	868 MHz
Compatibilité	Fusion gateway FCX-532-001
Connectivité	Wireless
Méthode d'adressage	Electronic

Électrique

Batteries	6 x AA size Panasonic LR6AD Powerline Varta 4006 Industrial
Tension de fonctionnement	3.5 to 4.5 VDC
Consommation de courant	0.2 to 100 mA
Puissance de l'émetteur de sortie	< 25 mW (auto adjusting)
Bornes	4

Détection

Contrôle	Battery level, Device removal, Presence

Caractéristiques physiques

Dimensions physiques	113 x 40 mm (Ø x H)
Couleur	Blanc
Type de montage	Montage au plafond
Entrées de câble	NA
Matériel (boîte)	Polycarbonate

Environnement

Protégé contre le vandalisme	Non
Température de fonctionnement	-10 to +55°C
Température de stockage	5°C to 30°C
Humidité relative	< 95% noncondensing
Environnement	Intérieur
Indice de protection	IP23

Régulateur

Conformité	CE, REACH, RED (2014/53/EU), RoHS 2, WEEE
Certification	BOSEC, CPR
Normes	EN54-25 EN54-13

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