cdx

FIREbeam Conex

Conventional Beam Smoke Detection

Your Safety, Our Technology

Conventional Beam Smoke Detector

Features

- 7 – 70 m standard detection range
- Extensions kits available to enhance detection range up to 160 m
- Approved to EN 54-12
- Continually corrects itself against building movement
- Brand new optics design reduces false alarms
- App/Bluetooth based - no controller unit required, saving cost and installation time.



Description

The CDX FIREbeam Conex is a reflective beam smoke detector fully approved to EN 54-12 which can offer a maximum detection range of 160 m. The unit's newly designed optics increase sensitivity whilst the enhanced internal software reduces false alarms.

The detector does not require a separate controller unit, the beam is app based and can be commissioned, monitored and maintained with a phone or tablet via Bluetooth from ground level. Detection range is 70 m for the standard unit, increasing to 140 m or 160 m with the addition of the medium or long-range reflector kits.

The detector also features advanced motorised technology allowing it to align to the centre of the reflector during commissioning.

Once commissioned the detector continually monitors alignment and will automatically realign itself back to the centre of the reflector if any building movement occurs.

Specification			
Ordering codes	CDX Firebeam Conex 70KIT140 140KIT160	Beam Head and 1 reflector covers distance 7-70 m Range extension kit 70-140 m Range extension kit 140-160 m	
Supply voltage		12 to 30 VDC	
Supply current		5.5mA in all operational states, 13.5mA in fast commissioning	
Operating temperature range		- 10 °C to + 55 °C	
Operating humidity		10 to 95% RH Non-condensing	
Ingress protection rating		IP65 (when suitably mounted and terminated)	
Optical wavelength		870 nm	
Maximum angular alignment		±5°	
Maximum angular misalignment		Beam Head ±0.4 ° Reflector ±2 °	
Alarm sensitivity levels		25% (1.25 dB) to 50% (3 dB) in 1% (0.05 dB) increments (default 35% (1.87 dB))	
Weight (kg) / dimensions (mm)		Beam head	1.1 / H 180 x W 155 x D 137
Add-ons		ADAPTER REFLECTOR COND-KIT REF-AC WINDOW-AC 70KIT140-AC 140KIT160-AC FB-BRACKET SHORTRM	Head interface adapter to mount to unistrut Single reflector Anti-condensation window for head and single anti-condensation reflector Single anti-condensation reflector Anti-condensation window Anti-condensation range extension kit 70 - 140 metres Anti-condensation range extension kit 140 - 160 metres Adjustable wall bracket for FIREbeam or single reflector Short range mask for up to 20 metres

For further information visit our website.

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