cdx FIREbeamXtra

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 o EN 54-12
- Continually corrects itself against building movement
- Brand new optics design reduces false alarms.



Description

The cdx FIREbeam Xtra 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 comes with a separate controller unit which allows engineers to commission, monitor and maintain 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 Xtra** **70kit140** **140kit160**	Beam Head including controller 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		3.5 mA (constant current) in all operational states	
Constant current		17 mA (constant current) 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 ° (static not auto-aligning)	
Alarm sensitivity levels		25% (1.25 dB) to 50% (3 dB) in 1% (0.05 dB) increments (default 35% (1.87 dB))	
Weight (g) / dimensions (mm)		Beam Head Controller	1.1 / H 180 x W 155 x D 137 0.55 / H 185 x W 120 x D 62
Add-ons		ADAPTER REP-CONT REFLECTOR COND-KIT REF-AC WINDOW-AC 70KIT140-AC 140KIT160-AC FB-BRACKET SHORTRM	Head interface adapter to mount to unistrut Replacement controller 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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HOCHIKI ISS3 MAY26