FIREBEAM XTRA

Beam smoke detector

Description

The FIREBEAM XTRA beam smoke detector is equipped with a motorized beam head that allows automatic self-alignment. The beam will self-align itself to the center of the reflector when commissioning and will automatically keep alignment when building movement occurs.

A reflective prism accurately detects smoke within the given distance range. The detector analyses the attenuation or dimming of light due to the smoke between the detector and the reflector to act accordingly.

With a maximum range of 160 meters, FIREBEAM XTRA is ideal for covering large areas, thereby saving installation costs.

Programming and control are carried out from the user level with the control keyboard. The control keyboard allows start-up, setting alarm thresholds, setting alarm and failure times, auto test, diagnosis, etc.

FIREBEAM XTRA

Motorized head, control unit and 100x100 mm reflector for range up to 70 meters

70KIT140

Kit of 3 reflectors in methacrylate plate for extension of range up to 140 meters

140KIT160

Kit of 8 reflectors in methacrylate plate for extension of range up to 160 meters

REF-DL

100x100 mm anti-condensation reflector

KIT-DL

Anti-condensation set for motorized head protector and reflector 100 x 100 mm

SOP-DL

Adjustable holder for reflector

Features

- ° EN 54-12:2015 approved
- ° Very low consumption
- ° Self-alignment
- ° Programmable sensitivity
- ° Alarm and fault relay outputs
- ° Automatic dirt compensation
- ° Optional anti-condensation kit

Applications

The main applications are large rooms or large areas such as industrial warehouses, warehouses, shopping malls, museums, etc.

FIREBEAM XTRA is ideal for the protection of large areas where the use of traditional detection technologies is difficult and costly to install.

Technical features

Emitter		
	Power:	From 10,2 to 30 VDC
	Current consumption:	3,5 mA in all states 17 mA in commissioning
Environmental conditions		
	Operating temperature:	From -10ºC to +55ºC
	Relative humidity:	From 10% to 95% without condensation
	IP Index:	IP65
Dimensions		
	Emitter:	180mm x 155mm x 137mm - Weight: 1,1 kg
	Controller:	185mm x 120mm x 62mm - Weight: 0,55 kg
	Extension kit 70KIT140:	293mm x 293mm x 5mm - Weight: 0,8 kg
	Extension kit 140KIT160:	394mm x 394mm x 5mm - Weight: 1,8 kg
Approvals		
	EN 54-12:2015	
	Certificate number:	0786-CPR-20241

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