



FIREBEAM BLUE - BDH200

Beam smoke detector



Description

The FIREBEAM BLUE - BDH200 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 BLUE is ideal for covering large areas, thereby saving installation costs.

Programming and control is done from the user level with the help of an App available for IOS and Android. The FIREBEAM BLUE App allows you to perform start-up, set alarm thresholds, set alarm and fault times, self-test, diagnostics, etc. The App also has an unlimited number of detectors from your cell phone or tablet.

FIREBEAM BLUE

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
- Mobile control application
- Lower installation cost
- 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 BLUE 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 12 to 30 VDC	
Current consumption:	5,5 mA in all states 17 mA in commissioning	
Relays Output		
Alarm:	NO/NC contact: 2A at 30Vdc	
Fault:	NO/NC contact : 2A ay 30Vdc	
Environmental conditions		
Operating temperature:	From -10°C to +55°C	
Relative humidity:	From 10% to 95% without condensation	
IP Index:	IP65	
Dimensions		
Emitter:	180mm x 155mm x 137mm - Weight: 1,1 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 No:	0786-CPR-21735 Vds 6221060	