



FIRE BEAM

Reflective Optical Beam Smoke Detector



FIRE BEAM is the optimal solution to protect large areas with ceiling height greater than 4 meters. A motorized beam head will self-align itself to the centre of the reflector when commissioning and will automatically keep alignment when building movement occurs which will prevent unwanted false alarms.

Additionally, the ground level controller facilitates any change or adjustment. Its low current consumption enables seamless integration with addressable systems via an Input or ZMU modules. Another relevant feature is related with its environmental protection that makes FIRE BEAM a suitable solution for harsh industrial applications, in situations where condensation may occur, filters with special coating widens the scope of usage.

TECHNICAL SPECIFICATIONS

SUPPLY VOLTAGE / SUPPLY CURRENT	12 to 30V DC / 3.5 mA (quiescent; alarm; fault) 17mA in fast commissioning
NORMAL	Green LEDs Flashing - Controller Message
FAULT	Yellow LEDs Flashing - Change over relay (2A@30VDC)/ Controller Message
ALARM	Red LEDs Flashing - Change over relay (2A@30VDC)/ Controller Message
TEMPERATURE / HUMIDITY	-10°C to +55°C / 10 to 95% RH Non-condensing
IP RATING	IP65 when suitably mounted and terminated
BEAM HEAD	180 (H) x 155 (W) x 137 (D) mm / Weight 1.1 Kg
CONTROLLER	185 (H) x 120 (W) x 62 (D) mm / Weight 0.55 Kg
70KIT140 MID-RANGE REFLECTOR	293 (H) x 293 (W) x 5 (D) mm / Weight 0.8 Kg
140KIT160 LONG RANGE REFLECTOR	394 (H) x 394 (W) x 5 (D) mm / Weight 1.8 Kg
ADAPTER	270 (H) x 250 (W) x 5 (D) mm / Weight 0.6 Kg (mounts the Beam Head onto unistrut)

ORDER CODE

FIRE BEAM	BASIC FIRE BEAM INCL. CONTROLLER + 1 REFLECTOR COVERS DISTANCE OF 7-70 METERS
70KIT140	MID RANGE EXTENSION KIT 70-140 M
140KIT160	LONG RANGE EXTENSION KIT 140-160 M
ADAPTER	HEAD INTERFACE ADAPTER TO MOUNT TO UNISTRUT
ANTI-FOG FIRE BEAM	ANTI FOG FIRE BEAM
70KIT140-AF	ANTI FOG MID RANGE EXTENSION KIT 70-140 M
80KIT100-AF	ANTI FOG LONG RANGE EXTENSION KIT 140-160M
WINDOW-AF	ANTI FOG WINDOW
REF-AF	SINGLE ANTI FOG REFLECTOR
FOGKIT	ANTI FOG WINDOW FOR HEAD AND SINGLE ANTI FOG REFLECTOR

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