



FIRE BEAM

REFLECTIVE OPTICAL BEAM SMOKE DETECTOR

FIRE BEAM is the optimal solution to protect large areas with ceiling height greater than 4 metres. 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.

Its low current consumption enables seamless integration with addressable systems via INPUT or ZMU modules. Another relevant feature is related with its environment 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	10.2 to 40V DC / 3mA (quiescent; alarm; fault)
NORMAL	Green LEDs Flashing - Controller Message
FAULT	Yellow LEDs Flashing - Controller Message / Change over relay (2A@30VDC)
ALARM	Red LEDs Flashing - Controller Message / Change over relay (2A@30VDC)
TEMPERATURE	-10°C to +55°C
HUMIDITY	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 / 1.1 Kg
CONTROLLER (FIRE BEAM XTRA)	185 (H) x 120 (W) x 62 (D) mm / 0.55 Kg
70KIT140 MID-RANGE REFLECTOR	293 (H) x 293 (W) x 5 (D) mm / 0.8 Kg
140KIT160 LONG RANGE REFLECTOR	394 (H) x 394 (W) x 5 (D) mm / 1.8 Kg
ADAPTER	270 (H) x 250 (W) x 5 (D) mm / Weight 0.6 Kg (mounts the Beam Head onto unistrut)



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ORDER CODE

BEAM DETECTOR XTRA	Includes controller and 1 reflector covers distance 7-70 Metres
FIREBEAM BLUE	Includes 1 reflector - covers distance 7-70M
70KIT140	Mid Range Reflector Kit 70-140M
140KIT160	Long Range Reflector Kit 140-160M
70KIT140-AF	Anti Fog Range Extension Kit 70-140M
140KIT160-AF	Anti Fog Range Extension Kit 140-160M
ADAPTER	Fire Beam Unistrut Adapter Plate
REP-CONT	Replacement Controller
REFLECTOR	Single Reflector
FOGKIT	Anti Fog Window for Head and Single Anti Fog Reflector
REF-AF	Single Anti Fog Reflector
WINDOW-AF	Anti Fog Window
FB-BRACKET	Adjustable Wall Bracket for Fire Beam or Single Reflector
SHORT RM	Short Range Mask for up to 20 metres
PSUFB24	1.5A 24V Power Supply



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