FIREBEAMXTRA

FireBeam conventional beam detector with low level controller

The Fire Beam XTRA is a conventional beam detector with a separate controller to facilitate the maintenance and operations. With its self-aligning motorised technology a range up to 160 meters on a reflective technology can be covered with the full extension kit installed./

Range extension

The FirebeamXTRA is supplied as a head unit with a low level controller, one reflector, short range mask (for distances under 20 m), a 3 mm allen key and quick start installation guide. This enables coverage distances up to 70 metres.

For distances between 70 to 140 metres an optional mid range extension kit is available. This kit is supplied with a backing plate and 3 extra reflectors.

For distances between 140 to 160 metres an optional long range extension kit is available. This kit is supplied with a backing plate and 8 extra reflectors.



Détails

- Standard detection range of 7 to 70 metres suitable for most installations
- Extended range support up to 160 m using optional extender kits
- Revised optics with market leading features
- Faster commissioning and routine maintenance due to faster alignment motors
- Auto-alignment ON/OFF section for full flexibility in theater environments
- Auto-align time delay for environments that are liable to occasional short term obscuration
- Beam phasing allows beams to face each other without interference
- Hysteresis control allows a change the delay in returning from a fire state back to a normal state, avoiding successive alarms on auto-reset.

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Spécifications techniques

Général

Indication d'état	LEDs and LCD diplay
Interface utilisateur	Ground level controller
Compatibilité	All conventional fire detection systems
Tension de réenclenchement	0 VDC
Réinitialiser l'heure	> 5 s
Niveaux d’alarme	4
Connectivité	Relays and Controller

Électrique

Type de bloc d’alimentation	VDC
Tension de fonctionnement	10.2 to 30 VDC
Consommation de courant	3.5 mA (all operational states) 17 mA (fast commissioning)

Détection

Principe de détection	Optical light scatter
Contrôle	Continuously self-checking
Sensibilité	Adjustable (25% (1.25dB) to 50% (3dB) in 1% (0.05dB) increments - default 35% (1.87dB))
Zone de couverture	Country dependant
Gamme	7 to 70 m
Adjustment angle	± 5°
Misalignment tolerance	Beam Head ± 0.75° Reflector ± 2°

Sortie

Quantité des sorties	2
Type de sortie et classe	Change over relays (Alarm & Fault - 2A @ 30 VDC)

Caractéristiques physiques

Dimensions physiques	180 x 155 x 137 mm (H x W x D) - Head 185 x 120 x 62 mm (H x W x D) - Controller
Poids net	1.1 kg - Head 0.55 kg - Controller
Type de montage	Support mural, Fixation murale

Environnement

Protégé contre le vandalisme	Non
Température de fonctionnement	-10°C to +55°C
Humidité relative	10 to 95% (Non-condensing)
Environnement	Intérieur
Indice de protection	< IP65

Régulateur

Conformité	CE, REACH, RoHS 3, WEEE
Certification	CPR
Voluntary marks	VdS
Normes	EN54-12

SKU Info

Product brand (all languages)	thefirebeam™

Detection

Optical wave length (all languages)	870 nm
Response time (all languages)	Adjustable (2 to 30 s in 1 s increments - default 10 s)
Fault sensitivity level	< 4%

Produits compatibles

Catégorie	Référence	Description
Module de détection	140KIT160	
Module de détection	140KIT160_AC	
Module de détection	70KIT140	
Module de détection	70KIT140_AC	
Module de détection	AC-KIT	
Module de détection	REFLECTOR	
Module de détection	SHORT_RM	
Supports de montage	ADAPTER	
Supports de montage	FB_BRACKET	

EDWARDS
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