

DATASHEET

FirebeamXtra

FireBeam conventional beam detector with low level controller

MAIN FEATURES

- FireBeam conventional beam detector with low level controller



TECHNICAL SPECIFICATIONS

Power supply

Reset voltage	0 VDC
Power supply type	VDC
Operating voltage	10.2 to 30 VDC
Current consumption	3.5 mA (all operational states) 17 mA (fast commissioning)

Inputs / outputs

Output quantity	2
Output type and rating	Change over relays (Alarm & Fault - 2A @ 30 VDC)

Physical characteristics

Physical dimensions	180 x 155 x 137 mm (H x W x D) - Head 185 x 120 x 62 mm (H x W x D) - Controller
Net weight	1.1 kg - Head 0.55 kg - Controller
Mounting type	Wall bracket, Wall mount
Mounting Accessories	ADAPTER

Environmental characteristics

Operating temperature	-10°C to +55°C
Relative humidity	10 to 95% (Non-condensing)
Environment	Indoor
IP rating	< IP65

Other characteristics

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TECHNICAL SPECIFICATIONS

Status indication	LEDs and LCD display
User interface	Ground level controller
Compatibility	All conventional fire detection systems
Reset time	> 5 s
Alarm levels	4
Connectivity	Relays and Controller
Detection principle	Optical light scatter
Monitoring	Continuously self-checking
Sensitivity	Adjustable (25% (1.25dB) to 50% (3dB) in 1% (0.05dB) increments - default 35% (1.87dB))
Coverage area	Country dependant
Range	7 to 70 m
Adjustment angle	$\pm 5^\circ$
Misalignment tolerance	Beam Head $\pm 0.75^\circ$ Reflector $\pm 2^\circ$
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%
Vandal proof	No
Compliance	CE, REACH, RoHS 3, WEEE
Certification	CPR
Voluntary marks	VdS
Standards	EN54-12
Product brand (all languages)	thefirebeam™
Category	Reference
Detection device	140KIT160