teknim®
Fire and Security Technologies

TX-7130
Beam Detector

TX7130: Specifically designed for high-ceiling, wide spaces where the installation of standard detectors is not suitable, TX7130 is a Beam Detector used for fire detection.

Thanks to the built-in Laser Pointer, alignment with the reflector is easily achieved. Installation is very simple. It can be used with all types of fire alarm panels.

General Features

• Complies with EN54-12 and is LPCB Certified
• Digital guide screen and laser pointer enable seamless alignment
• Built-in microprocessor
• Capable of diagnosing internal faults Automatically compensates for situations like signal loss, dust contamination, positional movements, and transmitter fading.
• Fire and Fault Relay Outputs
• User-friendly alignment method
• Built-in Reflector
• Can be adjusted for a range of 8–100 meters using the deep switch.

EN 54-12

Technical Specifications

	TX7130
Standard	LPCB Pending, EN54-12, BS 5839 Part 1:2002
Type	Beam Detector
Smoke Detection Sensitivity	Yes
Detection Distance	8–100 Meters (Adjustable with Deep Switch)
Detection Angle	±0.5° Direction
Digital Guide Display	Nixie Tube
Alignment	Laser Beam Pointer
Operating Temperature	-10°C ~ +50°C
Humidity	0–95%
Protection Class	IP30
Operating Voltage	20–28 VDC
Average (Idle) Current Consumption	23 mA
Alarm Current	33 mA
Reset Time	2 Seconds
Contact Output	NC – 20.0; 30VDC
Weight (Including Reflector)	0.130 Kg (Base Included)
Dimensions (mm)	190.87 x 126.87 x 91.96
Body Material & Color	ABS – White
Alarm Notification LED	Red: Fire, Yellow: Fault, Green: Alignment