



LPCB Certified TX7130 Reflective Optical Beam Smoke Detector – High-Sensitivity Fire Detection with Wide Coverage (Up to 1000), Ideal for Open-Air Factories, Exhibition Halls & Logistics Centers

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: TANDA
- Certification: LPCB
- Model Number: TX7130
- Minimum Order Quantity: 1
- Price: negotiable
- Packaging Details: 61*54*31CM
- Delivery Time: 7 Working days
- Payment Terms: T/T, Western Union,
- Supply Ability: 1000PCS/Month

Optical Beam Smoke Detector

ODM/OOEM

LBCP

5-100m



Product Specification

- Power Supply: DC24V
- Type: Infrared Beam Detector
- Certifications: LPCB
- Application: Conventional/addressable Fire Alarm System
- Detector Type: Reflective Beam Smoke Detector
- Output: Relay Output: 1A DC24V
- Installation: Ceiling Or Wall Mount
- Transport Package: Carton
- Path Length: 5-100m
- Humidity Range: 0-95% Non-condensing
- Operating Temperature: -10 To 50 Degrees Celsius



More Images



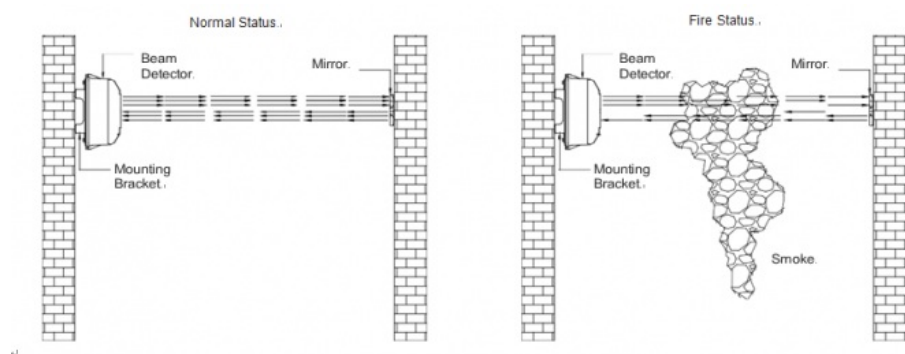
Product Description

LPCB Certification TX7130 Reflective Optical Beam Smoke Detector For High-Performance Fire Detection



Introduction

The TX7130 reflective optical beam smoke detector incorporates a light transmitter and the detector on the same unit. The light path is created by reflecting light emitted from the transmitter off a retro- reflector, meaning it is reflecting light back to its source with a minimum of scattering, which is placed opposite the detector. In a fire, when smoke falls within the path of the beam detector, some of the light is absorbed or scattered by the smoke particles. This creates a decrease in the received signal, leading to an increase in optical obscuration. This unit decodes or analysts received signals and compare to the pre-programmed algorithm stored on the processor. Through this algorithm the detector will decide whether fire is defined or not and lead to enablement the corresponding relays and LED indicators. The unit on the operating mode maintaining continually emitting light, care should be taken that the activities in the space do not obstruct the beam or move the device to avoid false operation of the detector



Specifications

Operating Voltage 20 V to 28 V DC
 Current Parameters Standby: 23mA Commission: 56mA Alarm: 33mA
 Beam Sensor Sensitivity [via Encoder] Level 1: 2.6 dB High Sensitivity
 Level 2: 3.8 dB Medium Sensitivity

Level 3: 5.8 dB Low Sensitivity
Beam Pathway Length [via Encoder] Span 1: 8 to 20 meters Limited Path
Span 2: 20 to 40 meters Short Path
Span 3: 40 to 70 meters Normal Path
Span 4: 70 to 100 meters Long Path
Beam Path Angle $\pm 0.4^\circ$ Directional (This data takes the average of the left and right deflection angles.)
Alignment Guide Laser Beam Pointer
Digital Display Guide Nixie Tube
LED Indicator Guide Red: Fire ; Yellow: Fault ; Green: Alignment
Reset Time Less than 2 Second
Relay Capacity [Fire & Fault] Normally Open & Close/ 2.0 A; 30 VDC
Material / Colour ABS / White
Dimension / Weight L:190.87 x W:126.87 x H:91.96 mm / 440 gm
Weight 0.130 Kg with base
Operating Temperature -10°C to +50°C
Ingress Protection Rating IP30 [IP66 glue seal-For permanent fixing
Humidity 0 to 95% Relative Humidity, Non condensing

Product Range

Conventional Fire Alarm System
Addressable fire alarm system
Gas Extinguishing control system
Beam Detector
4 wire smoke detectors with relay output.
2 wire Conventional smoke and heat detectors
Explosion-proof flame detector for fire alarm system
Standalone smoke detectors and combustible gas detector

Service

1. OEM & ODM service.
2. Provide technical support and after-sale service.
3. 1 year warranty.
4. Normally 15 working days lead time.
5. Welcome sample order.



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