



C53-TX7130

Conventional reflective beam detector



EN54-2/4
1330h-(cl-1)



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Y17

The TX7130 works on the principle of reflective infrared beam obscuration. Used in conjunction with a reflector, it will notify the fire alarm controller when the infrared beam is obscured by smoke. It has built-in laser beam pointer and digital display guide. The Laser beam pointer points the exact location accurately to mount mirror, and the digital display guide allows to monitor and guide the actual light intensity between the mirror and detector which cannot be seen by our naked eye, making it much easy and convenient in alignment.

Technical specification

- Input voltage: 24VDC
- Current consumption: Standby 23mA, alarm 33mA
- Beam sensor sensitivity:
 - Level 1: 2.6 dB high sensitivity
 - Level 2: 3.8 dB medium sensitivity
 - Level 3: 5.8 dB low sensitivity
- Beam pathway length:
 - Span 1: 8 ~ 20m short path (1 x mirror reflector)
 - Span 2: 20 ~ 40m short path (1 x mirror reflector)
 - Span 3: 40 ~ 70m normal path (4 x mirror reflector)
 - Span 4: 70 ~ 100m long path (4 x mirror reflector)
- Material: ABS, white glossy finish
- Dimension: 191 x 127 x 92 mm
- Weight: 130g with base
- Temperature: -10°C to 50°C

Feature and benefits

- LPCB approved
- EN 54-12 compliance
- Hassle-free alignment, built with digital display guide and laser beam pointer
- Employ single-ended design through reflective mirror
- Three users programing sensitivity adjustment
- Four ranges monitoring from 8-100 meters via encoder
- Built-in microprocessor, with self-diagnosis and automatic compensation
- Fire and fault interfacing relays