

SPECIAL DETECTORS & ACCESORIES

BEAM DETECTION

INTELLIGENT REFLECTIVE BEAM DETECTOR 10M TO 70M



The MI-LPB2-S3I is an addressable reflector-type linear optical beam smoke detector, designed to operate as a component of an intelligent fire alarm system. It operates primarily on the principle of light obscuration utilising an Infra-Red beam. Optical beam smoke detectors are particularly appropriate for protecting buildings with large open space such as warehouse, atriums etc. MI-LPB2-S3I detector is a combined transmitter/receiver unit that can be directly connected to an analogue loop circuit. The Infra-Red transmitter generates a beam of light towards a high efficiency reflector.

The reflector returns the beam to the receiver where an analysis of the received signal is made. The change in the strength of the received signal is used to determine the alarm condition.

PART. NO MI-LPB2-S3I

FEATURES

- Addressable loop powered beam detector
- Rotary decade address switches
- 10-100m range (from 70 to 100 m requires 6500-LRK)
- 4 fixed sensitivity levels
- 2 automatic variable sensitivity modes
- Numerical indicators to aid beam alignment
- Standby, Fault and Alarm LED indicator
- Specifications: EN54-12, EN54-17
- BRE approved

ACCESSORIES

6500-LRK.....Long Range reflector kit (70-100m range)

TECHNICAL SPECIFICATION

OPERATING VOLTAGE	15 ... 32 V DC	MATERIAL	Bayblend FR110 (trim), Lexan (lens cover), Noryl (back-box)
HUMIDITY RANGE	> 95% (non-condensing)	RATED VOLTAGE	24 V DC
DIMENSION	H: 254 mm W: 190 mm D: 84 mm (Tx/Rx Unit) H: 230 mm W: 200mm D: 84 mm (single, 10-70m range)	TYPICAL STANDBY CURRENT	2mA @ 24Vdc
WEIGHT	1.77 KG	MAX. ALARM CURRENT	8.5mA
TEMPERATURE RANGE	-30°C to +55°C	MAX. ALIGNMENT CURRENT	20 mA
MAX. WIRE GUAGE	2.5 sqmm	COLOR	White (Trim), black (back-box)

INTELLIGENT REFLECTIVE BEAM DETECTOR (SHORT)



The MI-LPB2-S3I-40 is an addressable reflector-type linear optical beam smoke detector, designed to operate as a component of an intelligent fire alarm system. It operates primarily on the principle of light obscuration utilising an Infra-Red beam. Optical beam smoke detectors are particularly appropriate for protecting buildings with large open space such as warehouse, atriums etc. MI-LPB2-S3I-40 detector is a combined transmitter/receiver unit that can be directly connected to an analogue loop circuit. The Infra-Red transmitter generates a beam of light towards a high efficiency reflector.

The reflector returns the beam to the receiver where an analysis of the received signal is made. The change in the strength of the received signal is used to determine the alarm condition.

PART. NO MI-LPB2-S3I-40

FEATURES

- Addressable loop powered beam detector
- Rotary decade address switches
- max. 40m range
- 4 fixed sensitivity levels
- 2 automatic variable sensitivity modes
- Numerical indicators to aid beam alignment
- Standby, Fault and Alarm LED indicator
- Specifications: EN54-12, EN54-17
- BRE approved

ACCESSORIES

6500-LRK.....Long Range reflector kit (70-100m range)

TECHNICAL SPECIFICATION

OPERATING VOLTAGE	15 ... 32 V DC	MATERIAL	Bayblend FR110 (trim), Lexan (lens cover), Noryl (back-box)
HUMIDITY RANGE	> 95% (non-condensing)	RATED VOLTAGE	24 V DC
DIMENSION	H: 254 mm W: 190 mm D: 84 mm (Tx/Rx Unit) H: 230 mm W: 200mm D: 84 mm (single, 10-70m range)	TYPICAL STANDBY CURRENT	2mA @ 24Vdc
WEIGHT	1.77 KG	MAX. ALARM CURRENT	8.5mA
TEMPERATURE RANGE	-30°C to +55°C	MAX. ALIGNMENT CURRENT	20 mA
MAX. WIRE GUAGE	2.5 sqmm	COLOR	White (Trim), black (back-box)