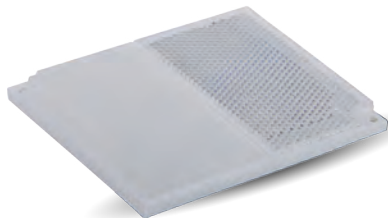


TR6100

BEAM DETECTOR



TR6100 is a Beam detector used for fire detection particularly in large zones with high ceilings which are not suitable for standard detector mounting.

Internal Laser Pointer enables easy alignment of reflectors. It is very easy to install. It can be used with all fire detection panels.

GENERAL SPECIFICATIONS

- EN54-12 conformance is certified by LPCB
- Flawless alignment by digital guiding screen and laser beam marking
- Internal microprocessor
- Internal failure diagnosis
- Automatic compensation in case of weakened signals due to dust accumulation, displacement and worn transmitter
- Fire and Error Relay Outputs
- True user-friendly alignment method
- Includes Reflector Mirror
- 3 different versions with 20-40, 40-70, 70-100 meters

TR6100 Technical Specifications

Standard	LPCB Pending, EN54-12, BS 5839 Part 1:2002
Operating Type	Beam Detector
Smoke Detection Precision	Yes
Detection Distance	20 - 40 meters 40-70 meters 70-100 meters
Detection Angle	±0.5° direction
Digital Screen Guide	Nixie Bottle
Alignment	Laser Beam Marker
Operating Temperature	-10°C ~ +50°C
Humidity	0 - 95%
Protection Class	IP30
Power	20 V ~ 28 V DC
Average Consumption	23mA
Alarm Consumption	33mA
Reset Time	Less than 2sec.
Relay Output	NC - NO 2.0A; 30VDC
Weight (Include Base / Not)	0.130 Kg
Dimensions (mm)	190.87 x 126.87 x 91.96
Body Material and Color	ABS Plastic – White
Alarm Indicator LED	RED: Fire Alarm - Yellow: Fault Green: Alignment