

TR6100

Conventional Reflective Beam Detector



Feature and Benefits

- EN 54-12:2002 Compliance
- LPCB Certified
- Hassle free alignment, built with digital guide display and laser beam pointer
- Employ single-ended design through reflective mirror
- Four ranges wide monitoring from 8-100 meters via encoder
- Three users programing sensitivity adjustment
- Built-in microprocessor
- Self-diagnosis function can monitor for internal faults
- Automatic compensation for factors weakening received signals, such as dust contamination, positional movement and ageing of the transmitter
- Fire and Fault interfacing relays
- Attractive and pleasing appearance
- Real User friendly alignment method



512k



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Technical Specification

Approvals	LPCB / CE-CPR
Operating Voltage	20 V to 28 V DC
Current Parameters	Standby:23mA Commission:56mA 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 to 20 meters Short Path (1x mirror reflector required)
	Span 2: 20 to 40 meters Short Path (1x mirror reflector required)
	Span 3: 40 to 70 meters Normal Path (4x mirror reflector required)
	Span 4: 70 to 100 meters Long Path (4x mirror reflector required)
Beam Path Angle	$\pm 0.4^\circ$ Directional
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 (Power Cut)
Relay Capacity [Fire/Fault]	Normally Open/ 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
Accessories	Mounting Bracket, 4 x Mirror Reflector
Operating Temperature	-10°C to 55°C
Protection Rating	IP30 [IP66 glue seal-For permanent fixing] Indoor Application
Humidity	0 to 95% RH, Non condensing