

TruGuard™

TG-R-K10



MONITORED REFLECTIVE PHOTO EYE

The Miller Edge TruGuard monitored reflective photo optic system combines an emitter and receiver in the same housing. The reflector, equipped with hood for added sunlight immunity, returns the photo optic beam to the emitter/receiver unit. This system functions as a protective barrier guarding an entrapment or hazard zone. When an obstruction interrupts the invisible barrier, a signal is sent to motor controls to stop and/or reverse motion. A visible light beam eases alignment to the reflector making it easy to install.



APPLICATIONS

- Automated gates

FEATURES

- 30 ft. range
- Normally closed and 10K outputs
- Easy installation and minimal maintenance with reflector
- Polarized beam and corner cube reflector reject false reflection and increase sunlight immunity
- Emitter/receiver can be mounted vertically or horizontally
- Durable mounting bracket/hood and reflector hood provide added protection against debris and serve as weather and sun shields
- IP67 housing protects against moisture and dust
- UL 325 Recognized Component
- 2-year warranty

610-869-4422
www.milleredge.com






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GENERAL SPECIFICATIONS

PERFORMANCE

| | |
|-----------------------|--|
| Operating Range | 6-30 ft. (2-9 m) |
| Number of Elements | 1 element |
| Maximum Ambient Light | >100,000 lux |
| Aperture Angle | ±3° |
| Reflector | Corner cube |
| Operating Temperature | -13°F to +141°F, (-25°C to +55°C) |
| Agency Approvals |  us UL 325 Recognized Component |

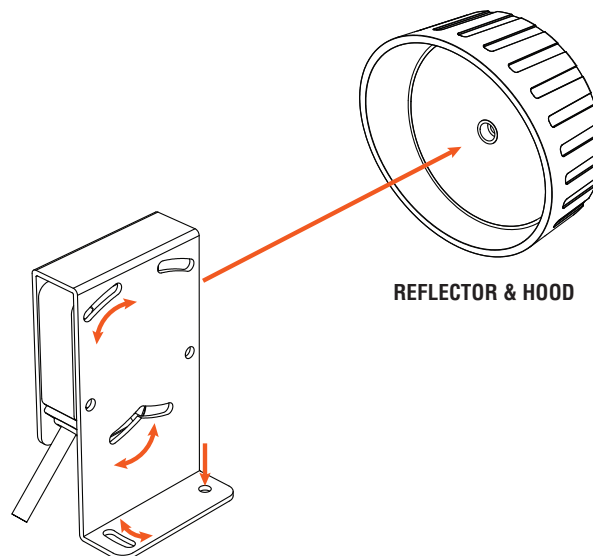
ELECTRICAL

| | |
|---------------------|--------------------------------|
| Power Source | 12-40 volts DC, 24-48 volts AC |
| Current Consumption | <40 mA |
| Relay Rating | 2 A @ 40 volts AC/DC |
| Output | N.C., 10K |

| | Emitter/Receiver | Reflector/Hood |
|----------------------|---|---|
| PHYSICAL | | |
| Dimensions | EM/RX: 0.75 W x 2.5 H x 1.38 D in. (19 x 64 x 35 mm) Bracket: 1.75 W x 4 H x 2.38 D in. (44 x 102 x 60 mm) | Reflector/hood: 3.9375 W x 3.9375 H x 1.86 D in. (100 x 100 x 47 mm) |
| Weight | EM/RX: 5.5 oz. Bracket: 6.5 oz. | Reflector/hood: 6.5 oz. |
| Housing Material | EM/RX: Polycarbonate, PMMA lens Bracket: Galvanized steel | Reflector: PMMA/ABS Hood: Plastic |
| LED Indicators | 2: Power, alignment | - |
| Mounting Orientation | Horizontal, vertical | Vertical |
| Degree of Protection | IP67 | - |

INCLUDED

- Emitter/receiver
- Emitter/receiver bracket/hood
- Reflector
- Reflector hood



REFLECTOR & HOOD

EMITTER/RECEIVER & BRACKET/HOOD



Contact Miller Edge to ensure compatibility.

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