



Powering Business Worldwide

[pe.eaton.com](http://pe.eaton.com)

## 50 Series Photoelectric Sensor

1450B-6507

UPC:782113824710

### Dimensions:

- **Height:** 3.19 IN
- **Length:** 1.64 IN
- **Width:** 1.83 IN

**Weight:**.2625 LB

**Notes:**Retroreflector not included. Ranges are based on 3-inch retroreflector for reflex sensors; 90% reflectance card for diffuse reflective sensors.

### Warranties:

- 3 year

### Specifications:

- **Connection:** 4 Pin Dual Key Micro Connector
- **Contact Rating:** 250 mA at 30 Vdc
- **Contact Configuration:** NPN and PNP Open Collector
- **Enclosure Material:** Body: Noryl, Lens: Nylon
- **Environmental Rating:** NEMA 1,3,4,12,13
- **Input Voltage:** 10-30 Vdc
- **Led Indicators:** Red output status
- **Maximum Dc Current:** 250 mA
- **Operating Mode:** Non Polarized Retroreflective
- **Operating Temperature:** -40° to 158°F (-40° to 70°C)
- **Protection:** Reverse polarity
- **Sensor Type:** Retroreflective
- **Switch Type:** Photoelectric

### Supporting documents:

- [Eatons Volume 8-Sensing Solutions](#)
- [Eaton Specification Sheet - 1450B-6507](#)

### Certifications:

- UL Listed



- CSA Certified

**Product compliance:**

- Contact Manufacturer

---

© 2016 Eaton. All rights reserved.