



Powering Business Worldwide

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

## Enhanced 50 Series Photoelectric Sensor

**1250E-8507**

**UPC:**782116112692

### Dimensions:

- **Height:** 4.16 IN
- **Length:** 1.91 IN
- **Width:** 1.81 IN

**Weight:**.3375 LB

### Warranties:

- 3 year

### Specifications:

- **Connection:** 4 Pin Mini Connector
- **Contact Rating:** 250 mA at 40 Vdc
- **Contact Configuration:** NPN and PNP Open Collector
- **Enclosure Material:** Fiberglass reinforced plastic
- **Environmental Rating:** IP 67, IP69K
- **Input Voltage:** 10-40 Vdc
- **Led Indicators:** Yellow power on, Green outout status, red marginal gain
- **Maximum Dc Current:** 250 mA
- **Operating Mode:** Thu-Beam
- **Operating Temperature:** -13° to 131°F (-25° to 55°C)
- **Protection:** Reverse polarity, short circuit and overload
- **Sensor Type:** Through Beam
- **Switch Type:** Photoelectric
- **Time Delay:** Yes

### Supporting documents:

- [Eatons Volume 8-Sensing Solutions](#)
- [Eaton Specification Sheet - 1250E-8507](#)



**Certifications:** No Data

**Product compliance:**

- Contact Manufacturer

---

© 2016 Eaton. All rights reserved.