

# Eaton 1250E-8547

Catalog Number: 1250E-8547

Eaton Enhanced 50 Series Photoelectric Sensor, Photoelectric, Sensor dist. 200 Ft., 250 mA max DC, NPN/PNP Open Collector, 250 mA at 40 Vdc, 4 Pin M12 Connector, 10-40 Vdc input, Reverse polarity, short circuit and overload, Yes, Thu-Beam

## General specifications



<b>Product Name</b>	<b>Catalog Number</b>
Eaton Enhanced 50 photoelectric sensor	1250E-8547
<b>UPC</b>	<b>Product Length/Depth</b>
782116112630	1.91 in
<b>Product Height</b>	<b>Product Width</b>
4.01 in	1.81 in
<b>Product Weight</b>	<b>Warranty</b>
0.3375 lb	3 year
<b>Compliances</b>	<b>Certifications</b>
Contact Manufacturer CE Marked	CSA Certified

## defaultTaxonomyAttributeLabel

### Contact Rating

250 mA at 40 Vdc

### Enclosure material

Fiberglass reinforced plastic

### Operating mode

Thru-beam

### Connection

4-pin M12 connector

### Contact configuration

NPN and PNP open collector

### Sensor type

Through beam

### Switch type

Photoelectric

### Input voltage

10-40 Vdc

### LED indicator

Power on: yellow

Output status: green

Marginal gain: red

### Protection

Reverse polarity and short circuit protected

### Time delay

Yes

### Maximum DC current

250 mA

### Operating temperature - max

131 °F

### Operating temperature - min

-13 °F

### Environmental rating

IP67, IP69K

## Resources

### Catalogs

[Eaton's Volume 8—Sensing Solutions](#)

### Specifications and datasheets

[Eaton Specification Sheet - 1250E-8547](#)



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