

# Eaton 1452E-8537

Catalog Number: 1452E-8537

Eaton Enhanced 50 Series Photoelectric Sensor, dist. 45 In, 250 mA max DC, NPN and PNP Open Collector, 250 mA at 40 Vdc, 4 Pin M12 Pigtail Connector, 10-40 Vdc input, short circuit/overload, Clear Object Detector, 0.5 Ft.(.15m)

## General specifications



Product Name	Catalog Number
Eaton Enhanced 50 photoelectric sensor	1452E-8537
UPC	Product Length/Depth
782116112043	3.13 in
Product Height	Product Width
3.46 in	1.81 in
Product Weight	Warranty
0.3375 lb	3 year
Compliances	Certifications
Contact Manufacturer	CSA Certified

## defaultTaxonomyAttributeLabel

### Contact Rating

250 mA at 40 Vdc

### Cable type

Polyvinyl Chloride (PVC)

### Enclosure material

Fiberglass reinforced plastic

### Operating mode

Clear object detector

### Connection

4-pin M12 pigtail connector

### Contact configuration

NPN and PNP open collector

### Sensor type

Clear object detector

### Switch type

Photoelectric

### Input voltage

10-40 Vdc

### LED indicator

Power on: yellow

Marginal gain: red

Output status: green

### Protection

Reverse polarity and short circuit protected

### Time delay

Yes

### Cord length

6 ft

### Maximum DC current

250 mA

### Operating temperature - max

131 °F

### Operating temperature - min

-13 °F

### Environmental rating

## Resources

### Catalogs

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

### Specifications and datasheets

[Eaton Specification Sheet - 1452E-8537](#)



Eaton Corporation plc  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com  
© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



[Eaton.com/socialmedia](https://www.eaton.com/socialmedia)