

# Eaton 1250E-6507

Catalog Number: 1250E-6507

Eaton Photoelectric Sensor, Through Beam, Forward Viewing, Output (green), power (yellow), alignment (red), Mini, 250 mA at 10-40 Vdc, 4 pin, NPN/PNP open collector outputs, 10-40 Vdc



## General specifications

Product Name	Catalog Number
Eaton Enhanced 50 photoelectric sensor	1250E-6507
UPC	Product Length/Depth
782116112685	4.01 in
Product Height	Product Width
1.81 in	1.91 in
Product Weight	Warranty
0.7 lb	3 year
Compliances	Certifications
CE Marked	CSA Certified

## defaultTaxonomyAttributeLabel

### Contact Rating

250 mA at 10-40 Vdc

### Enclosure material

Fiberglass reinforced plastic

### Connection

Mini

### Contact configuration

NPN/PNP open collector

### Sensor type

Through beam

### Input voltage

10-40 Vdc

### LED indicator

Output: green

Power: yellow

Alignment: red

### Number of pins

4

### Protection

Output short circuit, overcircuit and reverse polarity

### 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-6507](#)



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)