

# Eaton 1251E-6537

Catalog Number: 1251E-6537

Eaton Enhanced 50 Series Photoelectric Sensor, dist. 500 Ft., 250 mA max DC, NPN and PNP Open Collector, 4 Pin M12 Pigtail Connector, 10-40 Vdc input, Reverse polarity, short circuit and overload, Thu-Beam, 0.5 Ft. (.15m), 250 mA at 40 Vdc

## General specifications



Product Name	Catalog Number
Eaton Enhanced 50 photoelectric sensor	1251E-6537
UPC	Product Length/Depth
782116113064	1.91 in
Product Height	Product Width
3.46 in	1.81 in
Product Weight	Warranty
0.3375 lb	3 year
Compliances	
Contact Manufacturer	

## defaultTaxonomyAttributeLabel

### Contact Rating

250 mA at 40 Vdc

### Cable type

Polyvinyl Chloride (PVC)

### Enclosure material

Fiberglass reinforced plastic

### Operating mode

Thru-beam

### Connection

4-pin M12 pigtail connector

### Contact configuration

NPN and PNP open collector

### Sensor type

Through beam

### Switch type

Photoelectric

### Input voltage

10-40 Vdc

### LED indicator

Output status: green

Power on: yellow

Marginal gain: red

### Protection

Reverse polarity and short circuit protected

### Cord length

6 ft

### 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 - 1251E-6537](#)



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