

Eaton 1251E-8537

Catalog Number: 1251E-8537

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

General specifications



Product Name	Catalog Number
Eaton Enhanced 50 photoelectric sensor	1251E-8537
UPC	Product Length/Depth
782116113071	1.91 in
Product Height	Product Width
3.46 in	1.81 in
Product Weight	Warranty
0.3375 lb	3 year
Compliances	
Contact Manufacturer	

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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

Marginal gain: red

Power on: yellow

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 - 1251E-8537](#)



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