

# Eaton E58-30TD250-HD

Catalog Number: E58-30TD250-HD

E58 Harsh Duty Series Tubular 30mm Photoelectric Sensor, 1.18 dia, dist. 800 Ft., PNP and NPN Open Collector, PNP: 100 mA, NPN: 100 mA at 30Vdc, 6.6 Ft.(2m) Cable, 10-30 Vdc input, Latching short circuit, Thru-Beam, 6.6 Ft.(2m)

## General specifications



**Product Name**  
Eaton harsh-duty sensor

**Catalog Number**  
E58-30TD250-HD

**UPC**  
782114091586

**Product Length/Depth**  
9 in

**Product Height**  
1.75 in

**Product Width**  
6.25 in

**Product Weight**  
0.65 lb

**Warranty**  
3 year

**Compliances**  
CE Marked

**Certifications**  
UL Listed

### Catalog Notes

For complete system; order sensor and retroreflector. Retroreflector not included

## defaultTaxonomyAttributeLabel

### Contact Rating

PNP: 100 mA, NPN: 100 mA at 30Vdc

### Cable type

Polyvinyl Chloride (PVC)

### Enclosure material

Stainless steel

### Operating mode

Thru-beam

### Connection

6.6 ft (2 m) cable

### Contact configuration

PNP and NPN open collector

### Sensor type

Through beam

### Switch type

Photoelectric

### Input voltage

10-30 Vdc

### LED indicator

Output status: red

### Protection

Latching short circuit

### Cord length

79.2 ft

### Maximum DC current

PNP: 100 mA, NPN: 100 mA

### Operating temperature - max

131 °F

### Operating temperature - min

-40 °F

### Environmental rating

NEMA 1, NEMA 2, NEMA 3, NEMA 3R, NEMA 3S, NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13, IP69K

## Resources

### Brochures

[Test the Best Photoelectric Sensors: E58 Series Harsh Duty](#)

### Catalogs

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

[Product Range Catalog Sensors – products, basic information, applications](#)

### Specifications and datasheets

[Eaton Specification Sheet - E58-30TD250-HD](#)



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