

# Eaton E57-12LE10-B1D

Catalog Number: E57-12LE10-B1D

E57 Premium+ Series Tubular Inductive Proximity Sensor Enclosure, 0.47 dia, dist. 10 mm, PNP, NC, 500 mA at 6-30 Vdc, 300 mA at 32-48 Vdc, 4 Pin M12 Connector, 6-48 Vdc input, Auto reset short circuit, Non-embeddable



Photo is representative

## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton E57 inductive proximity sensor	E57-12LE10-B1D
<b>UPC</b>	<b>Product Length/Depth</b>
782113949109	0.47 in
<b>Product Height</b>	<b>Product Width</b>
3.04 in	0.47 in
<b>Product Weight</b>	<b>Warranty</b>
0.0625 lb	1 year
<b>Compliances</b>	<b>Certifications</b>
CE Marked	UL Listed CSA Certified

## defaultTaxonomyAttributeLabel

### Contact Rating

500 mA at 6-30 Vdc, 300 mA at 32-48 Vdc

### Actuator function

Non-embeddable

### Accuracy

< 3% of sensing distance

### Enclosure material

Front cap: polyphenylene sulfide

End bell: polycarbonate

Tube: stainless steel

### Connection

4-pin M12 connector

### Contact configuration

PNP, NC

### Series

E57

### Sensor type

Inductive proximity

### Environmental rating

NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13,  
IP67, IP69K

### Operating temperature - max

158 °F

### Operating temperature - min

-13 °F

### Maximum DC current

500 mA

### Input voltage

6-48 Vdc

### LED indicator

Green power up turns red when output energized

### Protection

Auto reset short circuit

## Resources

### Catalogs

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

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

### Multimedia

[We make what matters](#)

### Specifications and datasheets

[Eaton Specification Sheet - E57-12LE10-B1D](#)



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