

# Eaton E57LAL12T110

Catalog Number: E57LAL12T110

Premium+ Inductive Proximity Sensor, E57, 2 mm range, Straight, 12 mm, Shielded, 360° viewable LED, 6.6 ft, 500 mA at 6-30 Vdc, <1% sensing range, PVC, NO NPN open collector, 6-48 Vdc

## General specifications



<b>Product Name</b>	<b>Catalog Number</b>
Eaton E57 inductive proximity sensor	E57LAL12T110
<b>UPC</b>	<b>Product Length/Depth</b>
782113742960	2.46 in
<b>Product Height</b>	<b>Product Width</b>
0.47 in	0.47 in
<b>Product Weight</b>	<b>Warranty</b>
0.3 lb	1 year
<b>Compliances</b>	<b>Certifications</b>
CE Marked	CSA Certified UL Listed

## Product specifications

### Type

Premium+ Inductive Proximity Sensor

### Contact Rating

500 mA at 6-30 Vdc

### Actuator function

Shielded

### Cable type

Polyvinyl Chloride (PVC)

### Accuracy

< 1% sensing range

### Enclosure material

303 stainless steel

### Contact configuration

NO NPN open collector

### Series

E57

### Environmental rating

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

### Cord length

79.2 ft

### Operating temperature - max

158 °F

### Operating temperature - min

-13 °F

### Maximum DC current

500 mA

### Input voltage

6-48 Vdc

### LED indicator

360 ° viewable LED

### Protection

Auto reset

## Resources

### Catalogs

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

### Multimedia

[We make what matters](#)

### Specifications and datasheets

[Eaton Specification Sheet - E57LAL12T110](#)



Eaton Corporation plc  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com  
© 2025 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)

# Eaton E57LAL12T110

Catalog Number: E57LAL12T110

Premium+ Inductive Proximity Sensor, E57, 2 mm range, Straight, 12 mm, Shielded, 360° viewable LED, 6.6 ft, 500 mA at 6-30 Vdc, <1% sensing range, PVC, NO NPN open collector, 6-48 Vdc

## General specifications



<b>Product Name</b>	<b>Catalog Number</b>
Eaton E57 inductive proximity sensor	E57LAL12T110
<b>UPC</b>	<b>Product Length/Depth</b>
782113742960	2.46 in
<b>Product Height</b>	<b>Product Width</b>
0.47 in	0.47 in
<b>Product Weight</b>	<b>Warranty</b>
0.3 lb	1 year
<b>Compliances</b>	<b>Certifications</b>
CE Marked	CSA Certified UL Listed

## Product specifications

### Type

Premium+ Inductive Proximity Sensor

### Contact Rating

500 mA at 6-30 Vdc

### Actuator function

Shielded

### Cable type

Polyvinyl Chloride (PVC)

### Accuracy

< 1% sensing range

### Enclosure material

303 stainless steel

### Contact configuration

NO NPN open collector

### Series

E57

### Environmental rating

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

### Cord length

79.2 ft

### Operating temperature - max

158 °F

### Operating temperature - min

-13 °F

### Maximum DC current

500 mA

### Input voltage

6-48 Vdc

### LED indicator

360 ° viewable LED

### Protection

Auto reset

## Resources

### Catalogs

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

### Multimedia

[We make what matters](#)

### Specifications and datasheets

[Eaton Specification Sheet - E57LAL12T110](#)



Eaton Corporation plc  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com  
© 2025 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)