

# Specifications

## Eaton 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>	Eaton E57 inductive proximity sensor
<b>CATALOG NUMBER</b>	E57LAL12T110
<b>UPC</b>	782113742960
<b>PRODUCT LENGTH/DEPTH</b>	2.46 in
<b>PRODUCT HEIGHT</b>	0.47 in
<b>PRODUCT WIDTH</b>	0.47 in
<b>PRODUCT WEIGHT</b>	0.3 lb
<b>WARRANTY</b>	1 year
<b>COMPLIANCES</b>	CE Marked
<b>CERTIFICATIONS</b>	CSA Certified UL Listed



Powering Business Worldwide

## Product specifications

<b>TYPE</b>	Premium+ Inductive Proximity Sensor
<b>CONTACT RATING</b>	500 mA at 6-30 Vdc
<b>ACTUATOR FUNCTION</b>	Shielded
<b>CABLE TYPE</b>	Polyvinyl Chloride (PVC)
<b>ACCURACY</b>	< 1% sensing range
<b>ENCLOSURE MATERIAL</b>	303 stainless steel
<b>CONTACT CONFIGURATION</b>	NO NPN open collector
<b>SERIES</b>	E57
<b>ENVIRONMENTAL RATING</b>	NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13, IP67, IP69K
<b>CORD LENGTH</b>	79.2 ft
<b>OPERATING TEMPERATURE - MAX</b>	158 °F
<b>OPERATING TEMPERATURE - MIN</b>	-13 °F
<b>MAXIMUM DC CURRENT</b>	500 mA
<b>INPUT VOLTAGE</b>	6-48 Vdc
<b>LED INDICATOR</b>	360 ° viewable LED
<b>PROTECTION</b>	Auto reset

## Resources

<b>CATALOGS</b>	<a href="#">Product Range Catalog Sensors – products, basic information, applications</a> <a href="#">Sensing Solutions, Inductive Proximity Sensors, Volume 8, Tab 3</a>
<b>MULTIMEDIA</b>	<a href="#">We make what matters</a>
<b>SPECIFICATIONS AND DATASHEETS</b>	<a href="#">Eaton Specification Sheet - E57LAL12T110</a>

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



**Eaton Corporation plc**  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

Follow us on social media to get the latest product and support information.



© 2025 Eaton. All Rights Reserved.