

# Specifications



## Eaton E57LAL12T111SD

Premium+ Inductive Proximity Sensor, E57, 2 mm range, Straight, 12 mm, Shielded, 360° viewable LED, M12, 500 mA at 6-30 Vdc, 4 pin, <1% sensing range, NO PNP open collector, 6-48 Vdc

### General specifications

<b>PRODUCT NAME</b>	Eaton E57 inductive proximity sensor
<b>CATALOG NUMBER</b>	E57LAL12T111SD
<b>UPC</b>	782113605005
<b>PRODUCT LENGTH/DEPTH</b>	2.71 in
<b>PRODUCT HEIGHT</b>	0.47 in
<b>PRODUCT WIDTH</b>	0.47 in
<b>PRODUCT WEIGHT</b>	0.1 lb
<b>WARRANTY</b>	1 year
<b>COMPLIANCES</b>	CE Marked
<b>CERTIFICATIONS</b>	UL Listed CSA Certified

## 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>ACCURACY</b>	< 1% sensing range
<b>ENCLOSURE MATERIAL</b>	303 stainless steel
<b>CONNECTION</b>	M12
<b>CONTACT CONFIGURATION</b>	NO PNP 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>NUMBER OF PINS</b>	4
<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>
<b>MULTIMEDIA</b>	<a href="#">We make what matters</a>
<b>SPECIFICATIONS AND DATASHEETS</b>	<a href="#">Eaton Specification Sheet - E57LAL12T111SD</a>

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



**Eaton Corporation plc**  
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