

# 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

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

### Product specifications

TYPE	Premium+ Inductive Proximity Sensor
CONTACT RATING	500 mA at 6-30 Vdc
ACTUATOR FUNCTION	Shielded
ACCURACY	< 1% sensing range
ENCLOSURE MATERIAL	303 stainless steel
CONNECTION	M12
CONTACT CONFIGURATION	NO PNP open collector
SERIES	E57
ENVIRONMENTAL RATING	NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13, IP67, IP69K
NUMBER OF PINS	4
OPERATING TEMPERATURE - MAX	158 °F
OPERATING	-13 °F

### Resources

CATALOGS	<a href="#">Product Range Catalog Sensors – products, basic information, applications</a>
MULTIMEDIA	<a href="#">We make what matters</a>
SPECIFICATIONS AND DATASHEETS	<a href="#">Eaton Specification Sheet - E57LAL12T111SD</a>

<b>TEMPERATURE - MIN</b>	
<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

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**PROJECT NAME:**

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**PROJECT NUMBER:**

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**PREPARED BY:**

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**DATE:**

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

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