

# Eaton E51PLT1

Catalog Number: E51PLT1

Eaton E51 NEMA limit switch inductive proximity sensor, Modular Inductive Proximity Sensor Enclosure, Top Sensing, 600 mA max DC, Complementary PNP Open Collector, 600 mA, Screw Terminals, 10–30 Vdc input, <0.3% accuracy, Shielded



## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton E51 NEMA limit switch inductive proximity sensor	E51PLT1
	<b>UPC</b>
	782113363110
<b>Product Length/Depth</b>	<b>Product Height</b>
5 in	2 in
<b>Product Width</b>	<b>Product Weight</b>
2 in	1.02 lb
<b>Warranty</b>	<b>Certifications</b>
1 year	UL Listed
	CSA Certified

## Catalog Notes

Sensor head features a programmable output selector switch for N.O. or N.C. operation.

## defaultTaxonomyAttributeLabel

### Contact Rating

600 mA

### Actuator function

Shielded

### Accuracy

< 0.3%

### Enclosure material

Head: plastic

Receptacle and housing: die cast zinc

### Connection

Screw terminal

### Contact configuration

Complementary PNP open collector

### Sensor type

Inductive proximity

### Environmental rating

NEMA 3, NEMA 3S, NEMA 4, NEMA 4X, NEMA 6, NEMA 6P,  
NEMA 12, NEMA 13, IP67

### Operating temperature - max

158 °F

### Operating temperature - min

-13 °F

### Maximum DC current

600 mA

### Input voltage

10-30 Vdc

### LED indicator

One LED for each output

Lights when output is ON

### Protection

Short circuit protected

## Resources

### Catalogs

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

### Specifications and datasheets

[Eaton Specification Sheet - E51PLT1](#)



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30 Pembroke Road  
Dublin 4, Ireland  
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