

# Eaton E51NLS2

Catalog Number: E51NLS2

Eaton E51 NEMA limit switch inductive proximity sensor, Modular Inductive Proximity Sensor Enclosure, Side Sensing, 600 mA max DC, Complementary NPN 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	E51NLS2
	<b>UPC</b>
	782113130651
<b>Product Length/Depth</b>	<b>Product Height</b>
1.54 in	4.53 in
<b>Product Width</b>	<b>Product Weight</b>
1.78 in	0.9938 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 NPN 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

Lights when output is ON

One LED for each output

### Protection

Short circuit protected

## Resources

### Catalogs

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

### Specifications and datasheets

[Eaton Specification Sheet - E51NLS2](#)



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