

# Eaton E51DS2

Catalog Number: E51DS2

Eaton E51 NEMA limit switch inductive proximity sensor, E51 Series Inductive Proximity Sensor Head, Inductive Proximity, Side Sensing, Sensor distance: 13 mm, Plastic enclosure, < 0.3% accuracy

## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton E51 NEMA limit switch inductive proximity sensor	E51DS2
	<b>UPC</b>
	782113344898
<b>Product Length/Depth</b>	<b>Product Height</b>
1.51 in	1.38 in
<b>Product Width</b>	<b>Product Weight</b>
1.51 in	0.175 lb
<b>Warranty</b>	<b>Compliances</b>
1 year	CE Marked
<b>Certifications</b>	<b>Catalog Notes</b>
UL Listed CSA Certified	Sensor has color coded target symbols: Yellow is standard frequency; Green is Alternate frequency; Red is ferrous; Blue is non-ferrous. Alternate frequency units eliminate interference when mounted close to stand frequency units.



## Product specifications

### Enclosure material

Plastic

### Accuracy

< 0.3%

### Sensor type

Inductive proximity

### Operating temperature - min

-13 °F

### Operating temperature - max

158 °F

### Environmental rating

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

## Resources

### Catalogs

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

### Specifications and datasheets

[Eaton Specification Sheet - E51DS2](#)



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