

# Specifications



Photo is representative

## Eaton E51PLT16PCU

Eaton E51 NEMA limit switch inductive proximity sensor, Factory Sealed 6P+ Inductive Proximity Top Sensor Enclosure, 600 mA max DC, Complementary PNP Open Collector, 600 mA, 5 Pin Mini Connector, 10–30 Vdc input, < 0.3% accuracy, Shielded

### General specifications

<b>PRODUCT NAME</b>	Eaton E51 NEMA limit switch inductive proximity sensor
<b>CATALOG NUMBER</b>	E51PLT16PCU
<b>UPC</b>	782114185131
<b>PRODUCT LENGTH/DEPTH</b>	5.75 in
<b>PRODUCT HEIGHT</b>	2.56 in
<b>PRODUCT WIDTH</b>	3.56 in
<b>PRODUCT WEIGHT</b>	1.1938 lb
<b>WARRANTY</b>	1 year
<b>CERTIFICATIONS</b>	UL Listed CSA Certified
<b>CATALOG NOTES</b>	Sensor head is hard wired to sensor body and cannot be detached; but can be unfastened and rotated to any of four positions



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## Product specifications

<b>CONTACT RATING</b>	600 mA
<b>ACTUATOR FUNCTION</b>	Shielded
<b>ACCURACY</b>	< 0.3%
<b>ENCLOSURE MATERIAL</b>	Housing: die cast zinc Head: plastic
<b>CONNECTION</b>	5-pin mini connector
<b>CONTACT CONFIGURATION</b>	Complementary PNP open collector
<b>SENSOR TYPE</b>	Inductive proximity
<b>ENVIRONMENTAL RATING</b>	NEMA 3, NEMA 3S, NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13, IP68
<b>OPERATING TEMPERATURE - MAX</b>	158 °F
<b>OPERATING TEMPERATURE - MIN</b>	-13 °F
<b>MAXIMUM DC CURRENT</b>	600 mA
<b>INPUT VOLTAGE</b>	10-30 Vdc
<b>LED INDICATOR</b>	Lights when output is ON One LED for each output
<b>PROTECTION</b>	Short circuit protected

## Resources

<b>CATALOGS</b>	<a href="#">Sensing Solutions, Photoelectric Sensor, Volume 8, Tab 5</a>
<b>SPECIFICATIONS AND DATASHEETS</b>	<a href="#">Eaton Specification Sheet - E51PLT16PCU</a>

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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