

Eaton E51PLS1P5

Catalog Number: E51PLS1P5

Eaton E51 NEMA limit switch inductive proximity sensor, Modular Inductive Proximity Sensor Enclosure, Side Sensing, 600 mA max DC, Complementary PNP Open Collector, 600 mA, 5 Pin Mini Connector, 10–30 Vdc input, < 0.3% accuracy, Shielded



General specifications

Product Name	Catalog Number
Eaton E51 NEMA limit switch inductive proximity sensor	E51PLS1P5
	UPC
	782113543185
Product Length/Depth	Product Height
1.54 in	4.53 in
Product Width	Product Weight
1.78 in	0.9938 lb
Warranty	Certifications
1 year	UL Listed
	CSA Certified

Catalog Notes

Sensor head features a programmable output selector switch for NO or NC operation

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Contact Rating

600 mA

Actuator function

Shielded

Accuracy

< 0.3%

Enclosure material

Receptacle and housing: die cast zinc

Head: plastic

Connection

5-pin mini connector

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 - E51PLS1P5](#)



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