

Eaton E51PLS5

Catalog Number: E51PLS5

Eaton E51 NEMA limit switch inductive proximity sensor, Modular Inductive Proximity Sensor Enclosure, Side Sensing, Sensor dist 24 mm, 600 mA max DC, 600mA, Screw Terminals, 10–30Vdc input, <0.3% accuracy, Un-shielded



General specifications

Product Name	Catalog Number
Eaton E51 NEMA limit switch inductive proximity sensor	E51PLS5
	UPC
	782113136097
Product Length/Depth	Product Height
5 in	2.5 in
Product Width	Product Weight
3 in	0.75 lb
Warranty	Certifications
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

Unshielded

Accuracy

< 0.3%

Enclosure material

Receptacle and housing: die cast zinc

Head: plastic

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 - E51PLS5](#)



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com
© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



[Eaton.com/socialmedia](https://www.eaton.com/socialmedia)