

Eaton E51ALS16P12

Catalog Number: E51ALS16P12

Eaton E51 NEMA limit switch inductive proximity sensor, Modular Inductive Proximity Sensor Enclosure, Side Sensing, 2-Wire AC, NO, 500 mA AC/DC SS Output, 12 Ft(3.7m) Cable, 20-264Vac/DC input, <0.3% accuracy, Shielded, 12 Ft. (3.7m)

General specifications



Product Name	Catalog Number
Eaton E51 NEMA limit switch inductive proximity sensor	E51ALS16P12
	UPC
	782113446103

Product Length/Depth	Product Height
1.54 in	4.53 in

Product Width	Product Weight
1.78 in	3.8843 lb

Warranty	Compliances
1 year	CE Marked

Certifications	Catalog Notes
CSA Certified UL Listed	Sensor head features a programmable output selector switch for NO or NC operation. Sensor body is attached to receptacle with tamperproof screws.

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Contact Rating

500 mA AC/DC Solid State Output

Actuator function

Shielded

Cable type

SOOW-A

Accuracy

< 0.3%

Enclosure material

Head: plastic

Receptacle and housing: die cast zinc

Connection

12 ft (3.7 m) cable

Contact configuration

2-wire AC, NO

Sensor type

Inductive proximity

Environmental rating

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

Cord length

12 ft

Operating temperature - max

158 °F

Operating temperature - min

-13 °F

Maximum AC current

500 mA

Maximum DC current

500 mA

Input voltage

20-264 Vac/dc

LED indicator

Output status: yellow

Power on: green

Resources

Catalogs

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

Specifications and datasheets

[Eaton Specification Sheet - E51ALS16P12](#)

Protection

Short circuit protected



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