

Eaton E51ALS56P

Catalog Number: E51ALS56P

Eaton E51 NEMA limit switch inductive proximity sensor, Modular Inductive Proximity Sensor Enclosure, Side Sensing, Sensor dist 24 mm, 2-Wire AC, NO, 500 mA AC/DC SS Output, 8 Ft(2.5m) Cable, 20-264Vac/DC input, <0.3% accuracy, 8 Ft (2.4m)



General specifications

Product Name	Catalog Number
Eaton E51 NEMA limit switch inductive proximity sensor	E51ALS56P
	UPC
	782113139586

Product Length/Depth	Product Height
11.5 in	1.75 in

Product Width	Product Weight
11.5 in	2 lb

Warranty	Compliances
1 year	CE Marked

Certifications	Catalog Notes
UL Listed CSA Certified	Sensor head features a programmable output selector switch for N.O. or N.C. operation. Sensor body is attached to receptacle with tamper-proof screws.

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Contact Rating

500 mA AC/DC Solid State Output

Actuator function

Unshielded

Cable type

SOOW-A

Accuracy

< 0.3%

Enclosure material

Receptacle and housing: die cast zinc

Head: plastic

Connection

8 ft (2.4 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

96 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

Power on: green

Output status: yellow

Resources

Catalogs

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

Specifications and datasheets

[Eaton Specification Sheet - E51ALS56P](#)

Protection

Short circuit protected



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