

Eaton E57-12LE10-CP

Catalog Number: E57-12LE10-CP

Eaton E57 Premium+ Series Tubular Inductive Proximity Sensor Enclosure, 0.47 dia, dist. 10 mm, NPN, NO, 500 mA at 6-30 Vdc, 300 mA at 32-48 Vdc, 4 Pin M12 Pigtail Connector, 6-48 Vdc input, Auto reset short circuit, Non-embeddable



Photo is representative

General specifications

Product Name	Catalog Number
Eaton E57 inductive proximity sensor	E57-12LE10-CP
UPC	Product Length/Depth
782113035291	0.47 in
Product Height	Product Width
3.04 in	0.47 in
Product Weight	Warranty
0.0625 lb	1 year
Compliances	Certifications
CE Marked	UL Listed CSA Certified

defaultTaxonomyAttributeLabel

Contact Rating

500 mA at 6-30 Vdc, 300 mA at 32-48 Vdc

Actuator function

Non-embeddable

Cable type

Polyvinyl Chloride (PVC)

Accuracy

< 3% of sensing distance

Enclosure material

Front cap: polyphenylene sulfide

Tube: stainless steel

End bell: polycarbonate

Connection

4-pin M12 pigtail connector

Contact configuration

NPN, NO

Series

E57

Sensor type

Inductive proximity

Environmental rating

NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13,
IP67, IP69K

Operating temperature - max

158 °F

Operating temperature - min

-13 °F

Maximum DC current

500 mA

Input voltage

6-48 Vdc

LED indicator

Green power up turns red when output energized

Protection

Auto reset short circuit

Resources

Catalogs

[Product Range Catalog Sensors – products, basic information, applications](#)

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

Multimedia

[We make what matters](#)

Specifications and datasheets

[Eaton Specification Sheet - E57-12LE10-CP](#)



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