

Eaton E57-12LE10-B1D

Catalog Number: E57-12LE10-B1D

E57 Premium+ Series Tubular Inductive Proximity Sensor Enclosure, 0.47 dia, dist. 10 mm, PNP, NC, 500 mA at 6-30 Vdc, 300 mA at 32-48 Vdc, 4 Pin M12 Connector, 6-48 Vdc input, Auto reset short circuit, Non-embeddable



General specifications

Product Name	Catalog Number
Eaton E57 inductive proximity sensor	E57-12LE10-B1D
UPC	Product Length/Depth
782113949109	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

Product specifications

Contact Rating

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

Actuator function

Non-embeddable

Accuracy

< 3% of sensing distance

Enclosure material

Front cap: polyphenylene sulfide

End bell: polycarbonate

Tube: stainless steel

Connection

4-pin M12 connector

Contact configuration

PNP, NC

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

Multimedia

We make what matters

Specifications and datasheets

Eaton Specification Sheet - E57-12LE10-B1D



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