

Eaton E59-M18C116D01-D3NN

Catalog Number: E59-M18C116D01-D3NN

Eaton Iprox Series Tubular Inductive Proximity Sensor Enclosure, 0.71 dia, Sensor dist. 16 mm, Complementary NPN Open Collector, 500 mA at 6-30 Vdc, 300 mA at 32-48 Vdc, 6.6 Ft.(2m) Cable, 6-48 Vdc input, <3% of sensing dist. accuracy

General specifications



Photo is representative

Product Name	Catalog Number
Eaton E59 iProx programmable inductive proximity sensor	E59-M18C116D01-D3NN
	UPC
	786685105550
Product Length/Depth	Product Height
0.71 in	2.73 in
Product Width	Product Weight
0.71 in	0.1438 lb
Warranty	Compliances
1 year	CE Marked
Certifications	
UL Listed	
CSA Certified	

defaultTaxonomyAttributeLabel

Contact Rating

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

Actuator function

Unshielded

Accuracy

< 3% of sensing distance

Enclosure material

Tube: stainless steel

Front cap: polyphenylene sulfide

End bell: polycarbonate

Connection

6.6 ft (2 m) cable

Contact configuration

Complementary NPN open collector

Series

E59

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

-40 °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

Brochures

[iProx sensors](#)

Catalogs

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

Multimedia

[We make what matters](#)

Specifications and datasheets

[Eaton Specification Sheet - E59-M18C116D01-D3NN](#)



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