

# Eaton E59-M12C110A01-A1

Catalog Number: E59-M12C110A01-A1

Eaton Iprox Series Tubular Inductive Proximity Sensor Enclosure, 0.47 dia, Sensor dist 10 mm, 300 mA max AC, 2 - Wire AC, NO, 300 mA at 132 Vac, 3 Pin Dual Key Micro Connector, 20-132 Vac input, < 3% of sensing dist. accuracy, Un-shielded

## General specifications



Photo is representative

Product Name	Catalog Number
Eaton E59 iProx programmable inductive proximity sensor	E59-M12C110A01-A1
	UPC
	782116183173
Product Length/Depth	Product Height
0.47 in	2.71 in
Product Width	Product Weight
0.47 in	0.0625 lb
Warranty	Compliances
1 year	CE Marked
Certifications	
UL Listed	
CSA Certified	

## defaultTaxonomyAttributeLabel

### Contact Rating

300 mA at 132 Vac

### Actuator function

Unshielded

### Accuracy

< 3% of sensing distance

### Enclosure material

Front cap: polyphenylene sulfide

End bell: polycarbonate

Tube: stainless steel

### Connection

3-pin dual key micro connector

### Contact configuration

2-wire AC, NO

### 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 AC current

300 mA

### Input voltage

20-132 Vac

### LED indicator

Green power up turns red when output energized

## Resources

### Brochures

[iProx sensors](#)

### Catalogs

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

### Multimedia

[We make what matters](#)

### Specifications and datasheets

[Eaton Specification Sheet - E59-M12C110A01-A1](#)



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