

# Eaton E59-M18C116C02-D1

Catalog Number: E59-M18C116C02-D1

Eaton iProx Sensor, E59, Straight, 18 mm, Unshielded, 360° viewable LED, 6.6 ft, 300 mA at 6-48 Vdc, <3% sensing range, PVC, NPN/PNP auto configure, NO, 6-48 Vdc

## General specifications



Product Name	Catalog Number
Eaton E59 iProx programmable inductive proximity sensor	E59-M18C116C02-D1
	UPC 782116183456

Product Length/Depth	Product Height
2.54 in	0.71 in

Product Width	Product Weight
0.71 in	0.2 lb

Warranty	Compliances
1 year	CE Marked

Certifications  
UL Listed  
CSA Certified

## defaultTaxonomyAttributeLabel

### Type

E59

### Contact Rating

300 mA at 6-48 Vdc

### Actuator function

Unshielded

### Cable type

Polyvinyl Chloride (PVC)

### Accuracy

< 3% sensing range

### Enclosure material

303 stainless steel

### Contact configuration

NPN/PNP auto configure, NO

### Series

E59

### Environmental rating

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

### Temperature rating

-40 to 158 °F

### Cord length

79.2 ft

### Operating temperature - max

158 °F

### Operating temperature - min

-40 °F

### Maximum DC current

300 mA

### Input voltage

6-48 Vdc

### Size

18

### LED indicator

360 ° viewable LED

## Resources

### Brochures

iProx sensors

### Catalogs

Eaton's Volume 8—Sensing Solutions

### Multimedia

We make what matters

### Specifications and datasheets

Eaton Specification Sheet - E59-M18C116C02-D1

Protection

Auto reset



Eaton Corporation plc  
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