

# Eaton E59-M18C116D01-D1

Catalog Number: E59-M18C116D01-D1

Eaton iProx Sensor, E59, Straight, 18 mm, Unshielded, 360° viewable LED, M12, 300 mA at 6-48 Vdc, 4 pin, <3% sensing range, NPN/PNP auto configure, NO, 6-48 Vdc

## General specifications



Product Name	Catalog Number
Eaton E59 iProx programmable inductive proximity sensor	E59-M18C116D01-D1
	UPC 782116303977
Product Length/Depth	Product Height
2.73 in	0.71 in
Product Width	Product Weight
0.71 in	0.1 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

### Accuracy

< 3% sensing range

### Enclosure material

303 stainless steel

### Connection

M12

### 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

### Number of pins

4

### 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-M18C116D01-D1

Protection

Auto reset



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