

Eaton E59-M18A109A01-A2

Catalog Number: E59-M18A109A01-A2

Eaton Iprox Series Tubular Inductive Proximity Sensor Enclosure, 0.71 dia, Sensor dist 8 mm, 300 mA max AC, 2 - Wire AC, NC, 300 mA at 132 Vac, 3 Pin Dual Key Micro Connector, 20-132 Vac input, < 1% of sensing dist. accuracy, Shielded

General specifications



Photo is representative

Product Name	Catalog Number
Eaton E59 iProx programmable inductive proximity sensor	E59-M18A109A01-A2

UPC
782116183388

Product Length/Depth
0.71 in

Product Height
2.73 in

Product Width
0.71 in

Product Weight
0.1438 lb

Warranty
1 year

Compliances
CE Marked

Certifications
UL Listed
CSA Certified

defaultTaxonomyAttributeLabel

Contact Rating

300 mA at 132 Vac

Actuator function

Shielded

Accuracy

< 1% of sensing distance

Enclosure material

End bell: polycarbonate

Front cap: polyphenylene sulfide

Tube: stainless steel

Connection

3-pin dual key micro connector

Contact configuration

2-wire AC, NC

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-M18A109A01-A2](#)



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