

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



| | |
|---|-------------------|
| 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 | |

Product specifications

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](#)

Multimedia

[We make what matters](#)

Specifications and datasheets

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



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