

Eaton E59-M12C110C02-D1S1

Catalog Number: E59-M12C110C02-D1S1

Eaton Iprox Series Tubular Inductive Proximity Sensor Enclosure, 0.47 dia, Sensor dist 10 mm, NPN/PNP Auto Configure, NO, 500 mA at 6-30 Vdc, 300 mA at 32-48 Vdc, 6.6 Ft. (2m) Cable, 6-48 Vdc input, <3% of sensing dist. Accuracy

General specifications



Photo is representative

| | |
|---|-----------------------|
| Product Name | Catalog Number |
| Eaton E59 iProx programmable inductive proximity sensor | E59-M12C110C02-D1S1 |
| | UPC |
| | 782116924950 |
| Product Length/Depth | Product Height |
| 0.47 in | 2.46 in |
| Product Width | Product Weight |
| 0.47 in | 0.1438 lb |
| Warranty | Compliances |
| 1 year | CE Marked |
| Certifications | |
| UL Listed | |
| CSA Certified | |

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Contact Rating

500 mA at 6-30 Vdc, 300 mA at 32-48 Vdc

Actuator function

Unshielded

Cable type

Polyvinyl Chloride (PVC)

Accuracy

< 3% of sensing distance

Enclosure material

Tube: stainless steel

Front cap: polyphenylene sulfide

End bell: polycarbonate

Connection

6.6 ft (2 m) cable

Contact configuration

NPN/PNP auto configure, NO

Series

E59

Sensor type

Inductive proximity

Environmental rating

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

Cord length

79.2 ft

Operating temperature - max

158 °F

Operating temperature - min

-40 °F

Maximum DC current

500 mA

Input voltage

6-48 Vdc

LED indicator

Green power up turns red when output energized

Resources

Multimedia

[We make what matters](#)

Specifications and datasheets

[Eaton Specification Sheet - E59-M12C110C02-D1S1](#)

Protection

Auto reset short circuit



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