



Powering Business Worldwide

[pe.eaton.com](http://pe.eaton.com)

## Iprox Series Tubular Inductive Proximity Sensor

**E59-M12A105C02-A1**

**UPC:**782116183104

### Dimensions:

- **Height:** 2.46 IN
- **Length:** .47 IN
- **Width:** .47 IN

**Weight:**.1438 LB

### Warranties:

- 1 year

### Specifications:

- **Accuracy:** < 1% of sensing distance
- **Connection:** 6.6 Ft. ( 2m ) Cable
- **Contact Rating:** 300 mA at 132 Vac
- **Cable Type:** PVC
- **Contact Configuration:** 2 - Wire AC, Normally Open
- **Cord Length:** 79.2 FT
- **Diameter:** .47 IN
- **Enclosure Material:** Tube: Stainless Steel, End Bell: Polycarbonate, Front Cap: Polyphenylene Sulfide
- **Environmental Rating:** NEMA 4,4X,6,6P,12,13,IP67,IP69K
- **Input Voltage:** 20-132 Vac
- **Led Indicators:** Green power up turns red when output energized
- **Maximum Ac Current:** 300 mA
- **Operating Mode:** Shielded
- **Operating Temperature:** -40° to 158°F (-40° to 70°C)
- **Sensor Type:** Inductive Proximity

### Supporting documents:



- [Eatons Volume 8-Sensing Solutions](#)
- [iProx sensors](#)
- [Eaton Specification Sheet - E59-M12A105C02-A1](#)

**Certifications:** No Data

**Product compliance:** No Data

---

© 2016 Eaton. All rights reserved.