



Powering Business Worldwide

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

## E57 Premium+ Series Tubular Inductive Proximity Sensor

**E57-12LE06-C**

**UPC:**782113934563

### Dimensions:

- **Height:** 2.87 IN
- **Length:** .47 IN
- **Width:** .47 IN

**Weight:**.1438 LB

### Warranties:

- 1 year

### Specifications:

- **Accuracy:** < 3% of sensing distance
- **Connection:** 6.6 Ft. ( 2m ) Cable
- **Contact Rating:** 500 mA at 6-30 Vdc, 300 mA at 32-48 Vdc
- **Cable Type:** PVC
- **Contact Configuration:** NPN, 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:** 6-48 Vdc
- **Led Indicators:** Green power up turns red when output energized
- **Maximum Dc Current:** 500 mA
- **Operating Mode:** Semi-shielded
- **Operating Temperature:** -13° to 158°F (-25° to 70°C)
- **Protection:** Auto reset short circuit
- **Sensor Type:** Inductive Proximity



**Supporting documents:**

- [Eatons Volume 8-Sensing Solutions](#)
- [Eaton Specification Sheet - E57-12LE06-C](#)

**Certifications:**

- CSA Certified
- UL Listed

**Product compliance:**

- CE Marked