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## Comet Series Tubular Photoelectric Sensor

12102AQD07

UPC:782113890906

### Dimensions:

- **Height:** 2.6 IN
- **Length:** .47 IN
- **Width:** .71 IN

**Weight:**.1313 LB

**Notes:**For complete system; order 1 source and 1 detector. 11102 sources must be used with 12102 detectors. The effective beam (minimum object size that can be detected) is 0.25 inch (6.5 mm) diameter.

### Warranties:

- 3 year

### Specifications:

- **Connection:** 4 Pin M12 Connector
- **Contact Rating:** 100 mA PNP, 250 mA NPN at 10-30 Vdc
- **Cable Type:** PVC
- **Contact Configuration:** NPN and PNP Open Collector
- **Cord Length:** 8 IN
- **Diameter:** .71 IN
- **Enclosure Material:** Lens: Polycarbonate  
Cable Jacket: PVC Body: Structural Polyurethane Foam
- **Environmental Rating:** NEMA 1,3,4,4X,6,6P,12,13, IP68, IP69K
- **Input Voltage:** 10-30 Vdc
- **Led Indicators:** Red output status
- **Maximum Dc Current:** 100 mA PNP, 250 mA NPN
- **Operating Mode:** Thru-beam



- **Operating Temperature:** -40° to 158°F (-40° to 70°C)
- **Protection:** Auto reset short circuit
- **Sensor Type:** Through Beam
- **Switch Type:** Photoelectric

**Supporting documents:**

- [Comet series - Photoelectric sensors](#)
- [Eaton's Volume 8-Sensing Solutions](#)
- [Eaton Specification Sheet - 12102AQD07](#)

**Certifications:**

- UL Recognized
- cUL Recognized

**Product compliance:**

- CE Marked
- Contact Manufacturer