Product specifications

Eaton 12100AQD07

Catalog Number: 12100AQD07

Eaton Comet 18mm tubular photoelectric sensor, Forward Viewing, Sensor dist 20 Ft., 100 mA PNP, 250 mA NPN max DC, NPN/PNP Open Collector, 100 mA PNP, 250 mA NPN at 10-30 Vdc, 4 Pin M12 Connector, 10-30 Vdc input, Thru-beam, 8 In.(.2m)



General specifications

Product Name
Eaton Comet 18mm tubular photoelectric sensor

Catalog Number
12100AQD07

UPC
782113843483

Product Length/Depth
0.47 in

Product Height
2.2 in

Product Width
0.71 in

Product Weight
0.1313 lb

Warranty
3 year

Compliances
CE Marked
Contact Manufacturer

Certifications
UL Recognized
cUL Recognized

Catalog Notes
For complete system; order 1 source and 1 detector. 11100 sources and 12100 detectors may be interchanged in any combination. The effective beam (minimum object size that can be detected) is 0.25 inch (6.5 mm) diameter.

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Product specifications

Contact configuration

NPN and PNP open collector

Switch type

Photoelectric

Cord length

8 in

Maximum DC current

100 mA PNP, 250 mA NPN

Operating temperature - min

-40 °F

Input voltage

10-30 Vdc

Connection

4-pin M12 connector

Cable type

Polyvinyl Chloride (PVC)

LED indicator

Output status: red

Enclosure material

Cable jacket: PVC

Lens: polycarbonate

Body: structural polyurethane foam

Operating mode

Thru-beam

Sensor type

Through beam

Contact Rating

100 mA PNP, 250 mA NPN at 10-30 Vdc

Operating temperature - max

158 °F

Environmental rating

NEMA 1, NEMA 3, NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13, IP68, IP69K

Protection

Auto reset short circuit

Resources

Brochures

Comet series - Photoelectric sensors

Catalogs

Product Range Catalog Sensors – products, basic information, applications

Eaton's Volume 8—Sensing Solutions

Specifications and datasheets

Eaton Specification Sheet - 12100AQD07



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