

Eaton 14151RD07

Catalog Number: 14151RD07

Eaton OEM Prism 18mm tubular photoelectric sensor, Right Angle, dist 10 Ft., Iso SS Relay, 80 mA at 132 Vac/110 mA at 132Vdc, 4 Pin M12 Connector, 10-30 Vdc input, Current Limited for loads > 32V AC/DC, Polarized Retroreflective

General specifications



Product Name

Eaton OEM Prism 18mm tubular photoelectric sensor

Catalog Number

14151RD07

UPC

782113011240

Product Length/Depth

0.47 in

Product Height

2.75 in

Product Width

0.71 in

Product Weight

0.1313 lb

Warranty

3 year

Compliances

CE Marked
Contact Manufacturer

Certifications

cUL Recognized
UL Recognized

Catalog Notes

For complete system; order sensor and retroreflector. Retroreflector not included

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Contact Rating

80 mA at 132 Vac / 110 mA at 132Vdc

Cable type

Polyvinyl Chloride (PVC)

Enclosure material

Lens: polycarbonate

Body: structural polyurethane foam

Cable jacket: PVC

Operating mode

Polarized retroreflective

Connection

4-pin M12 connector

Contact configuration

Isolated solid state relay

Sensor type

Polarized retroreflective

Switch type

Photoelectric

Input voltage

10-30 Vdc

LED indicator

Output status: red

Protection

Current limited for loads less than 32 Vac/dc

Cord length

8 in

Maximum AC current

80 mA

Maximum DC current

110 mA

Operating temperature - max

131 °F

Operating temperature - min

-13 °F

Environmental rating

Resources

Catalogs

[Eaton's Volume 8—Sensing Solutions](#)

Specifications and datasheets

[Eaton Specification Sheet - 14151RD07](#)

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



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