

# Eaton 14156RD07B1

Catalog Number: 14156RD07B1

Eaton OEM Prism 18mm tubular photoelectric sensor, OEM Prism Series Tubular Photoelectric Sensor, Right Angle, Sensor distance 10 Ft., NPN/PNP Open Collector, 100 mA at 30 Vdc, 4 Pin M12 Connector input, Auto reset short circuit

## General specifications



<b>Product Name</b>	<b>Catalog Number</b>
Eaton OEM Prism 18mm tubular photoelectric sensor	14156RD07B1
	<b>UPC</b>
	782114180860
<b>Product Length/Depth</b>	<b>Product Height</b>
0.47 in	2.75 in
<b>Product Width</b>	<b>Product Weight</b>
0.71 in	1.313 lb
<b>Warranty</b>	<b>Compliances</b>
3 year	Contact Manufacturer

## Catalog Notes

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

## defaultTaxonomyAttributeLabel

### Contact Rating

100 mA at 30 Vdc

### Cable type

Polyvinyl Chloride (PVC)

### Enclosure material

Body: structural polyurethane foam

Lens: polycarbonate

Cable jacket: PVC

### Operating mode

Polarized retroreflective

### Connection

4-pin M12 connector

### Contact configuration

NPN and PNP open collector

### Sensor type

Polarized retroreflective

### Switch type

Photoelectric

### Input voltage

10-30 Vdc

### LED indicator

Output status: red

### Protection

Auto reset short circuit

### Cord length

8 in

### Maximum DC current

100 mA

### Operating temperature - max

131 °F

### Operating temperature - min

-13 °F

### Environmental rating

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

## Resources

### Catalogs

Eaton's Volume 8—Sensing Solutions

### Specifications and datasheets

Eaton Specification Sheet - 14156RD07B1



Eaton Corporation plc  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com  
© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



[Eaton.com/socialmedia](https://www.eaton.com/socialmedia)