

# Eaton 13157RD07B1

Catalog Number: 13157RD07B1

Eaton OEM Prism 18mm tubular photoelectric sensor, OEM Prism Series Tubular Photoelectric Sensor, Right Angle, Sensor distance: 24 In, Iso SS Relay, 80 mA at 132 Vac/110 mA at 132Vdc, 4 Pin M12 Connector input

## General specifications



<b>Product Name</b>	<b>Catalog Number</b>
Eaton OEM Prism 18mm tubular photoelectric sensor	13157RD07B1
	<b>UPC</b>
	782113497549
<b>Product Length/Depth</b>	<b>Product Height</b>
0.47 in	2.6 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

## Product specifications

### Contact configuration

Isolated solid state relay

### Switch type

Photoelectric

### Cord length

8 in

### Maximum AC current

80 mA

### Maximum DC current

110 mA

### Operating temperature - min

-13 °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

Body: structural polyurethane foam

Lens: polycarbonate

### Operating mode

Diffuse reflective

### Sensor type

Diffuse reflective

### Contact Rating

80 mA at 132 Vac / 110 mA at 132Vdc

### Operating temperature - max

131 °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 - 13157RD07B1](#)

Protection

Current limited for loads less than 32 Vac/dc

---



Eaton Corporation plc  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com  
© 2023 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)