

# Eaton E65-SMPPS9196

Catalog Number: E65-SMPPS9196

Eaton SM Series Rectangular Body Photoelectric Sensor, Sensor distance: 4 In., 100 mA max DC, Beam Status PNP, Health PNP Open Collector, 100 mA at 30 Vdc, 4 Pin AMP Connector, 10-30 Vdc input, Background Suppression, 1.5 Ft. (.5m)



## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton E65 SM compact photoelectric sensor	E65-SMPPS9196
	<b>UPC</b>
	782114629826
<b>Product Length/Depth</b>	<b>Product Height</b>
2.17 in	1.29 in
<b>Product Width</b>	<b>Product Weight</b>
1.63 in	0.0688 lb
<b>Warranty</b>	<b>Compliances</b>
3 year	CE Marked
<b>Certifications</b>	<b>Catalog Notes</b>
cUL Listed UL Listed	For complete system; order sensor and retroreflector. Retroreflector not included

## Product specifications

### Contact Rating

200 mA DC NPN / 200 mA AC 3 - Wire

### Cable type

Polyvinyl Chloride (PVC)

### Enclosure material

Lens: polycarbonate

Body: cycloloy

Cable jacket: PVC

### Operating mode

Polarized retroreflective

### Connection

4-pin dual key micro connector

### Contact configuration

DC: NPN open collector

AC: L1 switched

### Sensor type

Polarized retroreflective

### Switch type

Photoelectric

### Input voltage

18-264 Vac, 18-50 Vdc

### LED indicator

Marginal gain: orange

Output status: red

Power on: green

### Cord length

18 ft

### Maximum AC current

200 mA

### Maximum DC current

200 mA

### Operating temperature - max

131 °F

### Operating temperature - min

-13 °F

## Resources

### Catalogs

[Product Range Catalog Sensors – products, basic information, applications](#)

### Specifications and datasheets

[Eaton Specification Sheet - E65-SMPPS9196](#)

Environmental rating

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

---



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)