

Eaton E65-SMPP050-GLD

Catalog Number: E65-SMPP050-GLD

Eaton SM Series Rectangular Body Photoelectric Sensor, Sensor distance: 2 In., 200 mA max AC/DC, AC: L1 Switched, DC: NPN Open Collector, 200 mA DC NPN/AC 3-Wire, 4 Pin Dual Key Micro Connector, 18–264 Vac/18–50 Vdc input



General specifications

Product Name	Catalog Number
Eaton E65 SM compact photoelectric sensor	E65-SMPP050-GLD
	UPC
	782114786161
Product Length/Depth	Product Height
2.17 in	1.29 in
Product Width	Product Weight
1.63 in	0.0688 lb
Warranty	Compliances
3 year	CE Marked
Certifications	Catalog Notes
cUL Listed	Sensor will detect a 90% reflectance card at the Sensing Range; sensor will ignore a 90% reflectance card at the Cutoff Range
UL Listed	

Product specifications

Contact configuration

AC: L1 switched

DC: NPN open collector

Switch type

Photoelectric

Maximum AC current

200 mA

Maximum DC current

200 mA

Operating temperature - min

-13 °F

Input voltage

18-264 Vac, 18-50 Vdc

Connection

4-pin dual key micro connector

Cable type

Polyvinyl Chloride (PVC)

LED indicator

Marginal gain: orange

Output status: red

Power on: green

Enclosure material

Cable jacket: PVC

Body: cyclopolycarbonate

Lens: polycarbonate

Operating mode

Background suppression

Sensor type

Background suppression

Contact Rating

200 mA DC NPN / 200 mA AC 3 - Wire

Operating temperature - max

131 °F

Environmental rating

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

NEMA 12, NEMA 13, IP68, IP69K

Resources

Brochures

[Test the Best Photoelectric Sensors: SM Series](#)

Catalogs

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

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

Specifications and datasheets

[Eaton Specification Sheet - E65-SMPP050-GLD](#)



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)