

Eaton E65-SMPP050-HLD

Catalog Number: E65-SMPP050-HLD

Eaton SM Series Rectangular Body Photoelectric Sensor, Right Angle, Sensor dist 2 In., 100 mA max DC, NPN and PNP Open Collector, 100 mA at 30 Vdc, 4 Pin M12 Connector, 10-30 Vdc input, Background Suppression

General specifications



Product Name

Eaton E65 SM compact photoelectric sensor

Catalog Number

E65-SMPP050-HLD

UPC

782114786468

Product Length/Depth

2.17 in

Product Height

1.29 in

Product Width

1.63 in

Product Weight

0.0688 lb

Warranty

3 year

Compliances

CE Marked

Certifications

UL Listed

cUL Listed

Catalog Notes

Sensor will detect a 90% reflectance card at the Sensing Range; sensor will ignore a 90% reflectance card at the Cutoff Range

Product specifications

Contact configuration

DC: NPN open collector

AC: L1 switched

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

Power on: green

Marginal gain: orange

Output status: red

Enclosure material

Cable jacket: PVC

Lens: polycarbonate

Body: cyclopolycarbonate

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

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

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

Specifications and datasheets

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



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