

Eaton E65-SMPP100-HLD

Catalog Number: E65-SMPP100-HLD

Eaton SM Series Rectangular Body Photoelectric Sensor, Right Angle, Sensor dist: 4 In, 100 mA max DC, NPN and PNP, 100 mA at 30 Vdc, 4 Pin M12, 10-30 Vdc input



General specifications

Product Name	Catalog Number
Eaton E65 SM compact photoelectric sensor	E65-SMPP100-HLD
	UPC
	782114786482
Product Length/Depth	Product Height
2.17 in	1.29 in
Product Width	Product Weight
1.63 in	0.1938 lb
Warranty	Compliances
3 year	CE Marked
Certifications	Catalog Notes
UL Listed cUL Listed	For complete system; order sensor and retroreflector. Retroreflector not included

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Contact Rating

200 mA DC NPN / 200 mA AC 3 - Wire

Cable type

Polyvinyl Chloride (PVC)

Enclosure material

Body: cycloloy

Cable jacket: PVC

Lens: polycarbonate

Operating mode

Polarized retroreflective

Connection

6.6 ft (2 m) cable

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

79.2 ft

Maximum AC current

200 mA

Maximum DC current

200 mA

Operating temperature - max

131 °F

Operating temperature - min

-13 °F

Environmental rating

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-SMPP100-HLD](#)

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



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