

INDUSTRIAL COMPONENT DATA

EE-SX954-W 1M EESX2208F EESX954W1M OMRON

Horseshoe 6.5 mm IR NPN With light/In darkness

Brand: OMRON | Manufacturer Part Number: EE-SX954-W 1M



Manufacturer	OMRON
MPN / Reference	EE-SX954-W 1M
Catalog number	EESX954W1M
Category	Fork light barrier
Minimum order	5 Pcs
Document ID	EO-A285638026
Generated	2026-08-05

Product Overview

Horseshoe 6.5 mm IR NPN With light/In darkness

Photo micro sensor, slot type, NPN, 1 m cable

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Photoelectric sensors > Photomicro

Additional Product Information

FeaturesUltra-compact fork shape Photomicrosensor

The small sized photo microsenors are ideally suited for the detection of machine parts where space is crucial.

Mounting with M3 or M2 screws

Bright indicator LEDs for high visibility from many directions.

Antivalent output (L-ON/D-ON)

Load short-circuit protection circuit

Deep slot

Deep slot of 6.5 mm allows higher tolerances in mechanical design.

Ordering information

Sensor type

Sensing distance

Connection method

Operation mode

Shape1

Order code2
NPN output
PNP output
Through-beam with slot
5 mm
(slot width)
(Infrared light)

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1 m3

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Light-ON

Dark-ON

(2 outputs)

Standard

EE-SX950-W 1M

EE-SX950P-W 1M

L-shaped

EE-SX951-W 1M

EE-SX951P-W 1M

F-shaped

EE-SX952-W 1M

EE-SX952P-W 1M

R-shaped

EE-SX953-W 1M

EE-SX953P-W 1M

U-shaped

EE-SX954-W 1M

EE-SX954P-W 1M

Specifications

Item

Through-beam

Standard

L-shaped

F-shaped

R-shaped

U-shaped

NPN

EE-SX950-W 1M

EE-SX951-W 1M

EE-SX952-W 1M

EE-SX953-W 1M

EE-SX954-W 1M

PNP

EE-SX950P-W 1M

EE-SX951P-W 1M

EE-SX952P-W 1M

EE-SX953P-W 1M

EE-SX954P-W 1M

Slot depth

6.5 mm

Standard sensing object

Opaque: 1.8 × 0.8 mm min.

Light source (wave length)

Infrared LED (940 nm)

Sensing distance (slot width)

5 mm

Power supply voltage

5 to 24 VDC ±10%, ripple (p-p): 10% max.

Protective circuits

Load short-circuit protection

Response frequency

1 kHz min. (3 kHz average)

Ambient temperature

Operating: -25 to +55°C, Storage: -30 to +80°C (with no icing or condensation)

Degree of protection

IEC60529 IP50

Material

C...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / EE-SX954-W 1M with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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