

INDUSTRIAL COMPONENT DATA

EE-SX950-R 1M EESX2209D EESX950R1M OMRON Horseshoe 5mm IR NPN With light/dark Cable robotic

Brand: OMRON | Manufacturer Part Number: EE-SX950-R 1M



Manufacturer	OMRON
MPN / Reference	EE-SX950-R 1M
Catalog number	EESX950R1M
Category	Fork light barrier
Minimum order	10 Pcs
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Product Overview

Horseshoe 5mm IR NPN With light/dark Cable robotic
Horseshoe 5mm IR NPN With Light/In Darkness Robotic Cable
Photo micro sensor, slot type, NPN, 1 m robotic 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 microsensors 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)
—
—
1 m3
—
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-SX950-R 1M with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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