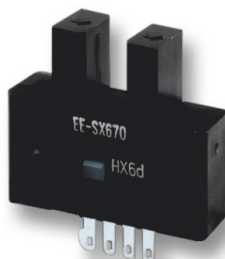


INDUSTRIAL COMPONENT DATA

EE-SX677P EESX2272H EESX677P,1 OMRON Horseshoe 5mm Light/Osc. Select. PNP

Brand: OMRON | Manufacturer Part Number: EE-SX677P



Manufacturer	OMRON
MPN / Reference	EE-SX677P
Catalog number	EESX677P.1
Category	Fork light barrier
Minimum order	10 Pcs
Document ID	EO-34BD6E4D71
Generated	2026-08-02

Product Overview

Horseshoe 5mm Light/Osc. Select. PNP

Photo micro sensor, slot type, R-shaped, L-ON/D-ON selectable, PNP, connector

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

FeaturesPhoto microsensor in plastic fork shape housing

For smaller size see the EE-SX95. For larger fork size sensors see the E3Z-G.

Response frequency up to 1 kHz

Wide operating voltage range: 5 to 24 VDC

Ordering information

Connector models

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)

Connector (4 pin)3

Dark-ON/Light-ON

(selectable)

Standard

EE-SX670

EE-SX670P

L-shaped

EE-SX671

EE-SX671P

T-shaped, 7 mm

EE-SX672

EE-SX672P

Close-mounting

EE-SX673

EE-SX673P

Close-mounting

EE-SX674

EE-SX674P

T-shaped, 10 mm

EE-SX675

EE-SX675P

F-shaped

EE-SX676

EE-SX676P

R-shaped

EE-SX677

EESX-677P

Specifications

Item

Through-beam

Standard

L-shaped

T-shaped,

slot center: 7 mm

Close-mounting

T-shaped,

slot center: 10 mm

F-shaped

R-shaped

NPN

EE-SX670

EE-SX671

EE-SX672

EE-SX673

EE-SX674

EE-SX675

EE-SX676

EE-SX677

PNP

EE-SX670P

EE-SX671P

EE-SX672P

EE-SX673P

EE-SX674P

EE-SX675P

EE-SX676P

EE-SX677P

Sensing distance

5 mm (slot width)

Power supply voltage

5 to 24 VDC $\pm 10\%$, ripple (p-p): 10% max.

Response frequency

1 kHz min. (3 kHz average)

Ambient temperature

Operating: -25 to 55°C, Storage: -30 to 80°C

Degree of protection

IEC60529 IP50

Material

Case

PBT (polybutylene terephthalate)

Lens

Polycarbonate

Accessories (order separately)

Type

Cable length

Material

Order code

Connector with Cable

2 m

PVC

EE-1010 2M

Connector with Robot Cable

2 m

PVC

EE-1010R 2M

Note:For mechanical limit swi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / EE-SX677P with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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