

## INDUSTRIAL COMPONENT DATA

# E3S-R31 E3S 3254G E3SR31 OMRON Transparent objects 1m PNP Horz

Brand: OMRON | Manufacturer Part Number: E3S-R31



|                 |                                      |
|-----------------|--------------------------------------|
| Manufacturer    | OMRON                                |
| MPN / Reference | E3S-R31                              |
| Catalog number  | E3SR31                               |
| Category        | Retroreflective photoelectric sensor |
| Minimum order   | 1 Pcs                                |
| Document ID     | EO-3A7A0467E9                        |
| Generated       | 2026-08-01                           |

## Product Overview

Transparent objects 1m PNP Horz

Photoelectric sensor, retroreflective, 1m, DC, 3-wire, PNP, horizontal, 2m 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 &gt; Photoelectric sensors &gt; E3S

## Additional Product Information

Transparent Object Detection Sensor

E3S-R

•Senses glass wafers and LCD glass circuit boards.

Applications

Sensing of Glass Wafers and LCD Glass Circuit Bottles

Reflector Glass wafers

E3S-R

A-265

ETIM for 130353 Sensors (EC002717)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Explosion safety category for gas (EF003997)

None

With communication interface RS-485 (EF007314)

No

Analogue output -10 V ... +10 V (EF006809)

No

With communication interface SSD (EF007315)

No

With communication interface SSI (EF007316)

No

Analogue output 0 V ... 10 V (EF006807)

No

Analogue output 0 mA ... 20 mA (EF006808)

No

With communication interface RS-232 (EF007312)

No

With communication interface DeviceNet (EF007308)

No

With monitoring function downstream switching devices (EF004052)

No

With communication interface PROFIBUS (EF007311)

No

Suitable for safety functions (EF001597)

No

With communication interface analogue (EF007305)

No

With communication interface INTERBUS (EF007310)

No

With communication interface RS-422 (EF007313)

No

With communication interface CANOpen (EF007307)

No

With communication interface Ethernet (EF007309)

No

Analogue output 4 mA ... 20 mA (EF006810)

No

With communication interface AS-Interface (EF007306)

No

With other analogue output (EF007485)

No

With restart blockage (EF004054)

No

Number of protected contact energized outputs (EF003952)

0

Number of protected semiconductor outputs (EF003951)

0

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3S-R31 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.