

INDUSTRIAL COMPONENT DATA

E3S-R12 E3S 3205R E3SR12 OMRON Transparent objects 30cm NPN Horiz.

Brand: OMRON | Manufacturer Part Number: E3S-R12



Manufacturer	OMRON
MPN / Reference	E3S-R12
Catalog number	E3SR12
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-130DB2C2D0
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Product Overview

Transparent objects 30cm NPN Horiz.

Photoelectric sensor, retroreflective, 300 mm, DC, 3-wire, NPN, horizontal, 2 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 > E3S
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Additional Product Information

ETIM for 130420 Sensors (EC002717)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cuboid

Laser protection class (EF004027)

None

Degree of protection (IP) (EF005474)

IP67

Setting procedure (EF003994)

Manual adjustment

Material of optical surface (EF004134)

Plastic

Sensing mode (EF007503)

Light-/dark switching

Type of interface for safety communication (EF003956)

Other

Type of switch function (EF003963)

Other

Type of electric connection (EF003961)

Plug-in connection

Housing material (EF001596)

Plastic

Type of light (EF004029)

Infrared light

Type of switching output (EF003962)

NPN

Operation agent-safety class (EF003982)

Safety class 0

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 reflector (EF007448)

Yes

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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3S-R12 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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