

INDUSTRIAL COMPONENT DATA

E3S-CD16 E3S 7047C E3SCD16OMS OMRON Robust cc 3h Slr 70cm Horiz. M12

Brand: OMRON | Manufacturer Part Number: E3S-CD16



Manufacturer	OMRON
MPN / Reference	E3S-CD16
Catalog number	E3SCD16OMS
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
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Product Overview

Robust cc 3h Slr 70cm Horiz. M12

Photoelectric sensor, diffuse, 700 mm, DC, 3-wire, NPN/PNP, horizontal, M12 plug-in

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

Additional Product Information

Oil-resistive, compact photoelectric sensor in metal housing

E3S-C

Features

Meets IP67/IP67G (oil tight) and NEMA 6P standards water/oil resistance

E3S-C meets the IP67 requirements of the IEC standards and

6P of the NEMA standards. E3S-C can be used worry-free in automotive assembly lines and other production lines where oil vapor exists. It can also be applied to food processing lines because it resists hydrogen peroxide, detergent and potassium hydroxide.

High shock resistance of 1,000 m/s²The industry's top-class photoelectric sensor features shock resistance of 1,000 m/s², which is as high as that of a proximity sensor at rated values, and vibration resistance of as high as 10 to 2,000 Hz.

Lineup of M12 metal connector joint type models Lineup of water/oil/shock-resistant M12 metal connector joint type models

are available. This series ensures ease of sensor replacement during maintenance.

NPN/PNP output selector

The operation panel has the NPN/PNP output selector. You need not prepare two NPN and PNP models for export. You need not worry about malfunctions due to noise, either.

Mutual interference prevention enhanced (Retroreflective, diffuse reflective models) Fuzzy inference is introduced into the mutual interference pre-

vention for the first time in the industry. This prevents a malfunction due to mutual interference, enabling two sensors to be mounted closely side by side.

Easy optical axis alignment

OMRON's original "automatic position compensation sys...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3S-CD16 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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