

INDUSTRIAL COMPONENT DATA

E3S-CL1-M1J 0,3M E3S 7039B E3SCL1M1J03MOMS OMRON

Metal BGS cc 3h 20cm. Cable + M12

Brand: OMRON | Manufacturer Part Number: E3S-CL1-M1J 0,3M



Manufacturer	OMRON
MPN / Reference	E3S-CL1-M1J 0,3M
Catalog number	E3SCL1M1J03MOMS
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-47CD3E4405
Generated	2026-08-03

Product Overview

Metal BGS cc 3h 20cm. Cable + M12

Photoelectric sensor distance setting BGS, 5-200mm, NPN/PNP, M12 pigtail

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

FeaturesDistance-settable photoelectric sensor in metal housing

Distance-settable photoelectric sensor in metal housing

Minimal black/white error for highest reliability detecting differently coloured objects (E3S-CL1)

Setting distance up to 500 mm with reliable background suppression

Ordering information

Sensortype

Sensing distance

Connection method

Order code1

Distance-settable

(background suppression)

-

-

¢

-

E3S-CL1 2M

-

-

-

Ø M12

E3S-CL1-M1J

-

-

Ø

-

E3S-CL2 2M

-

-

-

Ø M12

E3S-CL2-M1J

Specifications

Item

Distance-settable (background suppression)

E3S-CL1

E3S-CL2

Light source (wave length)

Red LED (700 nm)

Infrared LED (860 nm)

Black/white error2

2% max.

10% max.

Power supply voltage

10 to 30 VDC [ripple (p-p) 10% included]

Protective circuits

Reverse polarity protection, output short-circuit protection, mutual interference prevention

Response time

1 ms max.

2 ms max.

Ambient temperature

Operating

-25 to 55°C (with no icing or condensation)

Storage

Degree of protection

IEC 60529 IP67

Material

Case

Zinc diecast

Operation

panel cover

Polyethyl sulfon

Lens

Acrylics

- 1.Light-ON/Dark-ON switch selectable. NPN/PNP switch selectable
- 2.Sensing distance difference between standard white paper (reflectivity 90%) and standard black paper (reflectivity 5%)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3S-CL1-M1J 0,3M with the required quantity to info@electricaonline.com or use 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.