

INDUSTRIAL COMPONENT DATA

E3S-LS20XE4 E3SN1043M E3SLS20XE4 OMRON BGS Metal dc 20cm NPN Potentiometer IP67

Brand: OMRON | Manufacturer Part Number: E3S-LS20XE4



Manufacturer	OMRON
MPN / Reference	E3S-LS20XE4
Catalog number	E3SLS20XE4
Category	Light scanner with background masking
Minimum order	1 Pcs
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Product Overview

BGS Metal dc 20cm NPN Potentiometer IP67

Photoelectric sensor, definite, 50 to 250 mm, DC, 3-wire, NPN, 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

Additional Product Information

Sensing distance Supply voltageOutput

12 to 24 VDC

3 to 10 cm, 5 to 25 cm

80 mA

100 mA

Photoelectric Sensor E3S-LS

Focusable Sensors with Built-in DC Amplifiers

Pinpoint focusable and area focusable models eliminate background objects.

Ideal for precise detection of level/height, edges, small holes and openings, objects touching one another, objects inside transparent covers.

Ordering Information

Sensing method Sensing distance Model

NPN outputPNP output

Area focusable reflective 5 to 25 cm (continuously variable) E3S-LS20XE4 E3S-LS20XB4

Pinpoint focusable reflective 3 to 10 cm (continuously variable) E3S-LS10XE4 E3S-LS10XB4

3 ± 0.5 cmE3S-LS3C1D E3S-LS3RC4

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ETIM for 130244 Sensors (EC002719)

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 (NEMA) (EF011959)

Other

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

Triangulation (EF008296)

Background fade-out

Type of switch function (EF003963)

Normally open contact (NO)

Type of electric connection (EF003961)

Cable

Housing material (EF001596)

Metal

Type of light (EF004029)

Infrared light

Material of cable sheath (EF004136)

Polyvinyl chloride (PVC)

Type of switching output (EF003...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3S-LS20XE4 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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