

INDUSTRIAL COMPONENT DATA

E3S-LS3NW 2M E3SL1317A E3SLS3NW2M OMRON Point fixed focal length 60mm, NPN light Cable 2m Transmitter/Rece

Brand: OMRON | Manufacturer Part Number: E3S-LS3NW 2M



Manufacturer	OMRON
MPN / Reference	E3S-LS3NW 2M
Catalog number	E3SLS3NW2M
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-44B18EC2D4
Generated	2026-07-29

Product Overview

Point fixed focal length 60mm, NPN light Cable 2m Transmitter/Rece
Photoelectric sensor, diffuse, 10-60mm, DC, 3-wire, NPN, vertical, 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 > Photoelectric sensors
--------------	-------------------------------

Additional Product Information

Specifications
Shape Cuboid
Sensing method Limited reflective
Sensing distance 60 mm
Sensing distance (min.) 10 mm
Setting method Manual adjustment
Connection method Cable
Cable length 2 m
Output type NPN
Operation mode Light-ON
Response time 1 ms
Material housing ABS
Thread size Other
Type of light Polarity free red light

Spot size 35 x 5 mm
Power supply voltage 12-24 V
Features Structured object detection
ETIM for 154808 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)
IP40
Setting procedure (EF003994)
Other
Material of optical surface (EF004134)
Plastic
Sensing mode (EF007503)
Light 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)
Plastic
Type of light (EF004029)
Polarity free red light
Material of cable sheath (EF004136)
Polyvinyl chloride (PVC)
Type of switching output (EF003962)
NPN
Operation agent-safety class (EF003982)
Safety class 3
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 commu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3S-LS3NW 2M 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.