

## INDUSTRIAL COMPONENT DATA

# E3S-DBP21T E3S 7084H E3SDBP21TOMS OMRON Plastic Obj transp Mirror(not incl) Potentiometer 4.5 m, PNP, M12 pl..

Brand: OMRON | Manufacturer Part Number: E3S-DBP21T



|                 |                                      |
|-----------------|--------------------------------------|
| Manufacturer    | OMRON                                |
| MPN / Reference | E3S-DBP21T                           |
| Catalog number  | E3SDBP21TOMS                         |
| Category        | Retroreflective photoelectric sensor |
| Minimum order   | 1 Pcs                                |
| Document ID     | EO-8E0B3D391C                        |
| Generated       | 2026-07-28                           |

## Product Overview

Plastic Obj transp Mirror(not incl) Potentiometer 4.5 m, PNP, M12 plug PRO+  
Photoelectric sensor, rectangular shape, red LED, transparent object detection, multi-turn trimmer, 4.5m, PNP, antivalent output, M12 conn.

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path OMRON &gt; Photoelectric sensors &gt; E3S-D

## Additional Product Information

ShapeCuboidSensing methodRetro-reflectiveSensing distance3500 mmSensing distance (min.)0 mmSetting methodManual  
adjustmentConnection methodConnector M12Output typePNPOperation modeDark-ON, Light-ONResponse time0.5  
msMaterial housingABSThread sizeOtherProduct Width (unpacked)15.8 mmProduct Height (unpacked)48.5 mmProduct  
Depth (unpacked)40.5 mmType of lightPolarized red lightPower supply voltage10-30 VFeaturesM.S.R., Transparent  
detectionDegree of protection (IP)IP67/IP69K  
ETIM for 388938 Sensors (EC002717)  
Feature Name  
Feature Value  
Degree of protection (NEMA) (EF011959)  
Other  
Degree of protection (IP) (EF005474)  
IP67  
Material of optical surface (EF004134)

Plastic  
Type of interface for safety communication (EF003956)  
Other  
Housing material (EF001596)  
Plastic  
Operation agent-safety class (EF003982)  
Safety class 3  
Explosion safety category for gas (EF003997)  
None  
Explosion safety category for dust (EF003998)  
None  
Voltage type (EF000187)  
DC  
Construction type housing (EF004008)  
Cuboid  
Laser protection class (EF004027)  
None  
Setting procedure (EF003994)  
Manual adjustment  
Sensing mode (EF007503)  
Light-/dark switching  
Type of switch function (EF003963)  
Anticoincidence  
Type of electric connection (EF003961)  
Connector M12  
Type of light (EF004029)  
Polarized red light  
Type of switching output (EF003962)  
PNP  
With communication interface RS-485 (EF007314)  
No  
With communication interface SSD (EF007315)  
No  
With communication interface SSI (EF007316)  
No  
Analogue output 0 mA ... 20 mA (EF0068...)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3S-DBP21T with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.