

INDUSTRIAL COMPONENT DATA

E3S-DBP21 E3S 7085F E3SDBP21OMS OMRON Plastic Obj transp Mirror(not incl) SmartTeach 4.5 m, PNP, M12 plug PR..

Brand: OMRON | Manufacturer Part Number: E3S-DBP21



Manufacturer	OMRON
MPN / Reference	E3S-DBP21
Catalog number	E3SDBP21OMS
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-768886F193
Generated	2026-07-27

Product Overview

Plastic Obj transp Mirror(not incl) SmartTeach 4.5 m, PNP, M12 plug PRO+
Photoelectric sensor, rectangular shape, red LED, transparent object detection, SmartTeach, 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 > Photoelectric sensors > E3S-D

Additional Product Information

ShapeCuboidSensing methodRetro-reflectiveSensing distance3500 mmSensing distance (min.)0 mmSetting methodTeach-InConnection 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., Smart teach, Transparent detectionDegree of protection (IP)IP67/IP69K
ETIM for 388939 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)
Teach-In
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 (EF006808)
N...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3S-DBP21 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.