

INDUSTRIAL COMPONENT DATA

E3ZM-B86 E3ZM7225R E3ZMB86OMS OMRON Metalica Obj. Transp. Teach cc 3h Mirror 0.5 m PNP M8

Brand: OMRON | Manufacturer Part Number: E3ZM-B86



Manufacturer	OMRON
MPN / Reference	E3ZM-B86
Catalog number	E3ZMB86OMS
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-17381DFF0F
Generated	2026-07-29

Product Overview

Metalica Obj. Transp. Teach cc 3h Mirror 0.5 m PNP M8

Photoelectric sensor, rectangular housing, stainless steel, red LED, retro-reflective, transparent object, 500 mm, with teach-button, PNP, Light-ON/Da

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 > E3Z

Additional Product Information

ShapeCuboidSensing methodRetro-reflectiveSensing distance500 mmSensing distance (min.)100 mmSetting methodTeach-InConnection methodConnector M8 - 4 pinOutput typePNPOperation modeDark-ON, Light-ONResponse time1 msMaterial housingStainless steelThread sizeOtherProduct Width (unpacked)10.8 mmProduct Height (unpacked)31 mmProduct Depth (unpacked)21 mmType of lightPolarized red lightPower supply voltage10-30 VFeaturesM.S.R., Transparent detection (PET bottle and tray)Degree of protection (IP)IP67/IP69K
ETIM for 332045 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)
Metal
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)
Programmable/configurable
Type of electric connection (EF003961)
Connector M8
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 outp...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3ZM-B86 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.