

INDUSTRIAL COMPONENT DATA

E3ZM-B81T 5M E3ZM0291R E3ZMB81T5M OMRON

Photoelectric sensor, transparent, retro-reflective 500mm with adjus..

Brand: OMRON | Manufacturer Part Number: E3ZM-B81T 5M



Manufacturer	OMRON
MPN / Reference	E3ZM-B81T 5M
Catalog number	E3ZMB81T5M
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-CD5799BC9D
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Product Overview

Photoelectric sensor, transparent, retro-reflective 500mm with adjuster, metal body, IP69K, PNP, reflector not included, 5m cable

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

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
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Additional Product Information

ShapeCuboidSensing methodRetro-reflectiveSensing distance500 mmSensing distance (min.)100 mmSetting methodManual adjustmentConnection methodCableCable length5 mOutput typePNPOperation modeDark-ON, Light-ONResponse time1 msMaterial housingStainless steelThread sizeOtherProduct Width (unpacked)10.8 mmProduct Height (unpacked)32 mmProduct Depth (unpacked)21 mmType of lightPolarized red lightPower supply voltage10-30 VFeaturesM.S.R., Transparent detection (all media: glass, PET, foil)Degree of protection (IP)IP67/IP69K
ETIM for 659237 Sensors (EC002717)

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
Type of switch function (EF003963)
Programmable/configurable
Type of electric connection (EF003961)
Cable
Housing material (EF001596)
Metal
Type of light (EF004029)
Polarized red light
Type of switching output (EF003962)
PNP
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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3ZM-B81T 5M 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

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