

## INDUSTRIAL COMPONENT DATA

# E3ZM-CT86 E3ZM0105M E3ZMCT86 OMRON Metal cc 3h Barrier 15m PNP IP67g M8

Brand: OMRON | Manufacturer Part Number: E3ZM-CT86



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | OMRON                             |
| MPN / Reference | E3ZM-CT86                         |
| Catalog number  | E3ZMCT86                          |
| Category        | Through beam photoelectric sensor |
| Minimum order   | 1 Pcs                             |
| Document ID     | EO-15642446A9                     |
| Generated       | 2026-07-31                        |

## Product Overview

Metal cc 3h Barrier 15m PNP IP67g M8

Photoelectric sensor, rectangular housing, stainless steel, oil-resistant, infrared LED, through-beam, 15 m, PNP, Light-ON/Dark-ON, M8 4-pin connector

## 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; E3Z

## Additional Product Information

ShapeCuboidSensing methodThrough-beamSensing distance15000 mmSetting methodManual adjustmentConnection methodConnector M8 - 4 pinOutput typePNPOperation modeDark-ON, Light-ONResponse time1 msMaterial housingStainless steelThread sizeOtherProduct Width (unpacked)10.8 mmProduct Height (unpacked)32 mmProduct Depth (unpacked)21 mmType of lightInfrared lightPower supply voltage10-30 VFeaturesOil-resistantDegree of protection (IP)IP67/IP69K  
ETIM for 232317 Sensors (EC002716)  
Feature Name  
Feature Value  
Explosion safety category for dust (EF003998)  
None  
Voltage type (EF000187)  
DC  
Construction type housing (EF004008)

Cuboid

Scope of delivery of the one-way system (EF004032)

Transmitter and receiver

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)

Connector M8

Housing material (EF001596)

Metal

Type of light (EF004029)

Infrared light

Material of cable sheath (EF004136)

Polyvinyl chloride (PVC)

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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3ZM-CT86 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

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