

**INDUSTRIAL COMPONENT DATA**

# E3ZM-V86 E3ZM7231C E3ZMV86OMS OMRON Marks metal cc 4h Slr 12mm PNP Teach. M8

Brand: OMRON | Manufacturer Part Number: E3ZM-V86



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | OMRON           |
| MPN / Reference | E3ZM-V86        |
| Catalog number  | E3ZMV86OMS      |
| Category        | Contrast sensor |
| Minimum order   | 1 Pcs           |
| Document ID     | EO-E24F9982F5   |
| Generated       | 2026-07-29      |

## Product Overview

Marks metal cc 4h Slr 12mm PNP Teach. M8

Registration mark sensor, rectangular housing, stainless steel, white LED, diffuse, 12 ± 2 mm, with teach-button, PNP, Light-ON/Dark-ON, M8 4-pin 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 > E3Z |
|--------------|-------------------------------------|

## Additional Product Information

ETIM for 332049 Sensors (EC001820)

Feature Name

Feature Value

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cuboid

Laser protection class (EF004027)

Other

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP67

Setting procedure (EF003994)  
Teach-In  
Material of optical surface (EF004134)  
Plastic  
Type of switch function (EF003963)  
Normally open contact (NO)  
Type of electric connection (EF003961)  
Connector M8  
Material fibre optics core (EF004137)  
Plastic  
Housing material (EF001596)  
Stainless steel  
Type of light (EF004029)  
White light  
Material of cable sheath (EF004136)  
Polyvinyl chloride (PVC)  
Type of switching output (EF003962)  
PNP  
Operation agent-safety class (EF003982)  
Safety class 3  
Analogue output -10 V ... +10 V (EF006809)  
No  
With fibre optics connection (EF004050)  
No  
Analogue output 0 V ... 10 V (EF006807)  
No  
Analogue output 0 mA ... 20 mA (EF006808)  
No  
With exchange lens (EF004053)  
No  
With blanking function (EF003968)  
No  
Analogue output 4 mA ... 20 mA (EF006810)  
No  
With time function (EF003582)  
No  
Nominal operating distance (EF004059)  
12 mm  
AWG-number (EF007010)  
24  
No-load current (EF004028)  
20 mA  
Number of semiconductor outputs with signalling function (EF003945)  
1  
Width sensor (EF007094)  
10.8 mm  
Height of sensor (EF007283)

32.2 mm

Max. output current (EF001315)

100 mA

Length of sensor (EF007334)

21 mm

Switching frequency (EF003587)

20 Hz

Number of contact energized outputs with signalling function (EF003946)

0

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3ZM-V86 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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