

## INDUSTRIAL COMPONENT DATA

# ZX2-LD50V 0,5M ZX 1117M ZX2LD50V05M OMRON Regular ZX2 48±5mm 1.5 micron Beam spot

Brand: OMRON | Manufacturer Part Number: ZX2-LD50V 0,5M



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | OMRON                   |
| MPN / Reference | ZX2-LD50V 0,5M          |
| Catalog number  | ZX2LD50V05M             |
| Category        | Optical distance sensor |
| Minimum order   | 1 Pcs                   |
| Document ID     | EO-7B9B2FC47F           |
| Generated       | 2026-08-06              |

## Product Overview

Regular ZX2 48±5mm 1.5 micron Beam spot

Laser displacement sensor head, 48 +/- 5mm, spot focus (requires amplifier), glass-mirror-wafer applications

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                               |
|--------------|-------------------------------|
| Catalog path | OMRON > Advanced sensors > ZX |
|--------------|-------------------------------|

## Additional Product Information

ETIM for 355135 Sensors (EC001825)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cuboid

Laser protection class (EF004027)

Class 1

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP67  
Setting procedure (EF003994)  
Teach-In  
Material of optical surface (EF004134)  
Glass  
Housing material (EF001596)  
Plastic  
Material of cable sheath (EF004136)  
Polyvinyl chloride (PVC)  
Operation agent-safety class (EF003982)  
Safety class 3  
Explosion safety category for gas (EF003997)  
None  
Measuring principle for optical distance measurement (EF004060)  
Other  
Pre failure notice (EF004129)  
No  
AWG-number (EF007010)  
28  
Relative linearity deflection (EF004034)  
0.3 %  
Width sensor (EF007094)  
22.6 mm  
Height of sensor (EF007283)  
47.5 mm  
Geometrical resolution (EF004010)  
0.0015 mm  
Max. output current (EF001315)  
50 mA  
Length of sensor (EF007334)  
35.5 mm  
Measuring range length (EF008213)  
43 mm  
Ambient temperature (EF002386)  
0 °C

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / ZX2-LD50V 0,5M 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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