

## INDUSTRIAL COMPONENT DATA

# ZX-LT001 ZX 0016M ZXLT001 OMRON Barrier laser 2000mm 4 um Beam 1mm

Brand: OMRON | Manufacturer Part Number: ZX-LT001



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | OMRON                             |
| MPN / Reference | ZX-LT001                          |
| Catalog number  | ZXLT001                           |
| Category        | Through beam photoelectric sensor |
| Minimum order   | 1 Pcs                             |
| Document ID     | EO-3C202AB63B                     |
| Generated       | 2026-08-04                        |

## Product Overview

Barrier laser 2000mm 4 um Beam 1mm

Laser sensor head, through-beam, 1mm beam width (requires amplifier)

## 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; Advanced sensors &gt; ZX

## Additional Product Information

Measurement width1 mmMinimum sensing object8 μmRepeat accuracy4 μmOutput type-5 to 5 V, 1 to 5 V, 4 to 20 mA,

PNP/NPNSpot size1 mmSensing methodThrough-beamMaterial housingPlasticDegree of protection (IP)IP40

ETIM for 145951 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)

Class 1

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP40

Setting procedure (EF003994)

Teach-In

Material of optical surface (EF004134)

Glass

Sensing mode (EF007503)

Light switching

Type of interface for safety communication (EF003956)

Other

Type of switch function (EF003963)

Programmable/configurable

Type of electric connection (EF003961)

Cable with connector

Housing material (EF001596)

Plastic

Type of light (EF004029)

Laser diode, red light

Material of cable sheath (EF004136)

Polyvinyl chloride (PVC)

Type of switching output (EF003962)

Other

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)

No

With communication interface SSI (EF007316)

No

Analogue output 0 V ... 10 V (EF006807)

No

Analogue output 0 mA ... 20 mA (EF006808)

No

With communication interfac...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / ZX-LT001 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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