

## INDUSTRIAL COMPONENT DATA

# ZS-LD130 2M ZS 0032M ZSLD1302M OMRON Sensor, diffuse reflection 130+/-15mm 3micras. Line.

Brand: OMRON | Manufacturer Part Number: ZS-LD130 2M



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | OMRON                   |
| MPN / Reference | ZS-LD130 2M             |
| Catalog number  | ZSLD1302M               |
| Category        | Optical distance sensor |
| Minimum order   | 1 Pcs                   |
| Document ID     | EO-ECF15982D8           |
| Generated       | 2026-07-29              |

## Product Overview

Sensor, diffuse reflection 130+/-15mm 3micras. Line.

Diffuse reflection sensor 130+/-15mm 3micras. Line.

## 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 > ZS |
|--------------|-------------------------------|

## Additional Product Information

Highest resolution and dynamic sensing range for all surfaces  
Modular and scalable platform concept for up to 9 sensors  
Easy to use, install and maintain for all user levels  
Fast response time of 110 µs  
Multi-tasking capability - Manages up to 4 measurement tools in one controller  
Specifications & ordering info  
Ordering information  
Sensors  
ZS-HL-series sensor heads  
Optical system  
Sensing distance  
Beam shape  
Beam diameter  
Resolution1

Order code

Regular reflective models

20±1 mm

Line beam

1.0 mm × 20 µm

0.25 µm

ZS-HLDS2T

25±2 mm

2.2 mm × 45 µm

0.6 µm

ZS-HLDS2VT

Diffuse reflective models

50±5 mm

1.0 mm × 30 µm

0.25 µm

ZS-HLDS5T

100±20 mm

3.5 mm × 60 µm

1 µm

ZS-HLDS10

600±350 mm

16 mm × 0.3 mm

8 µm

ZS-HLDS60

1500±500 mm

40 mm × 1.5 mm

500 µm

ZS-HLDS150

ZS-HL-series sensor heads (for nozzle gaps) also compatible with ZS-L controller

Optical system

Sensing distance

Beam shape

Beam diameter

Resolution2

Order code

Regular reflective models

10±0.5 mm

Line beam

900x25 µm

0.25 µm

ZS-LD10GT

15±0.75 mm

ZS-LD15GT

ZS-L-series sensor heads

Optical system

Sensing distance

Beam shape

Beam diameter

Resolution3

Order code

Regular reflective models

20±1 mm

Line beam

900 × 25 µm

0.25 µm

ZS-LD20T

Spot beam

25 µm dia.

ZS-LD20ST

40±2.5 mm

Line beam

2000 × 35 µm

ZS-LD40T

Diffuse reflective models

50±5 mm

Line beam

900 × 60 µm

0.8 µm

ZS-LD50

Spot beam

50 µm dia.

ZS-LD50S

80±15 mm

Line beam

900 × 60 µm

2 µm

ZS-LD80

130±15 mm

Line beam

600 × 70 µm

3 µm

ZS-LD130

200 ±50 mm

Line beam

900 × 100 µm

5 µm

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / ZS-LD130 2M 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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