

INDUSTRIAL COMPONENT DATA

ZX-LD100L ZX 0007M ZXLD100L OMRON Reflex laser 100±40mm 16 micron Beam linear

Brand: OMRON | Manufacturer Part Number: ZX-LD100L



Manufacturer	OMRON
MPN / Reference	ZX-LD100L
Catalog number	ZXLD100L
Category	Optical distance sensor
Minimum order	1 Pcs
Document ID	EO-2FBF1CC705
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Product Overview

Reflex laser 100±40mm 16 micron Beam linear
Laser displacement sensor head, 100+/-40mm, line beam (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 > Advanced sensors > ZX
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Additional Product Information

Reference distance100 mmRelative linearity deflection0.2 %Measuring range length60-140 mmRepeat accuracy16 µmSpot size2 mm x 0.15 mmSensing methodDiffuse reflectiveMaterial housingPBTDegree of protection (IP)IP50

ETIM for 106270 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 2

Degree of protection (IP) (EF005474)

IP50

Material of optical surface (EF004134)

Plastic

Housing material (EF001596)

Plastic

Explosion safety category for gas (EF003997)

None

Relative linearity deflection (EF004034)

0.2 %

Width sensor (EF007094)

17 mm

Height of sensor (EF007283)

39 mm

Geometrical resolution (EF004010)

0.016 mm

Length of sensor (EF007334)

33 mm

Ambient temperature (EF002386)

0 °C

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / ZX-LD100L with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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