

INDUSTRIAL COMPONENT DATA

ZX-LT010 ZX 0021F ZXLT010 OMRON Barrier laser 500mm 4 um Beam 10mm

Brand: OMRON | Manufacturer Part Number: ZX-LT010



Manufacturer	OMRON
MPN / Reference	ZX-LT010
Catalog number	ZXLT010
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-AA7BCCE4BC
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Product Overview

Barrier laser 500mm 4 um Beam 10mm

Laser sensor head, through-beam, 10mm 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 > Advanced sensors > ZX

Additional Product Information

Specifications

Measurement width 10 mm

Minimum sensing object 100 µm

Repeat accuracy 4 µm

Output type -5 to 5 V, 1 to 5 V, 4 to 20 mA, PNP/NPN

Sensing method Through-beam

Material housing Plastic

Degree of protection (IP) IP40

Accessories

ZX-LDA11-N 2M Smart Sensor amplifier and display, selectable voltage/current output, high/pass/low transistor NPN outputs

ZX-LDA41-N 2M Smart Sensor amplifier and display, selectable voltage/current output, high/pass/low transistor PNP outputs

ZX-XC4A 4M Extension cable (amplifier to head), 4m

ETIM for 106279 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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / ZX-LT010 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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