

INDUSTRIAL COMPONENT DATA

ZX1-LD100A66 0,5M ZX 1171D ZX1LD100A6605M OMRON

Laser Sensor ZX1 100±35mm 7micras NPN, Cable 0,5 m+connector

Brand: OMRON | Manufacturer Part Number: ZX1-LD100A66 0,5M



Manufacturer	OMRON
MPN / Reference	ZX1-LD100A66 0,5M
Catalog number	ZX1LD100A6605M
Category	Optical distance sensor
Minimum order	1 Pcs
Document ID	EO-58C84192BB
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Product Overview

Laser Sensor ZX1 100±35mm 7micras NPN, Cable 0,5 m+connector
Laser displacement sensor, 100 +/- 35 mm, NPN, 0,5m pigtail connector

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 358750 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 (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP67

Standard for interfaces (EF004017)

Analogue

Setting procedure (EF003994)

Teach-In

Scanning principle (EF003935)

Reflection system

Type of analogy output (EF003958)

4 mA ... 20 mA

Material of optical surface (EF004134)

Glass

Sensing mode (EF007503)

Light switching

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)

NPN

Operation agent-safety class (EF003982)

Safety class 3

Explosion safety category for gas (EF003997)

None

Measuring principle for optical distance measurement (EF004060)

Triangulation

With time function (EF003582)

Yes

Pre failure notice (EF004129)

No

AWG-number (EF007010)

26

Relative linearity deflection (EF004034)

0.3 %

Signalling interval (EF003964)

500 Hz

Light dot (EF004030)

0.09 mm²

Width sensor (EF007094)

24.1 mm

Height of sensor (EF007283)
52.5 mm
Geometrical resolution (EF004010)
0.007 mm
Max. output current (EF001315)
100 mA
Relative repeat accuracy (EF004100)
0.007 %
Length of sensor (EF007334)
49 mm...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / ZX1-LD100A66 0,5M with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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