

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
Generated	2026-08-05

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

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.