INDUSTRIAL COMPONENT DATA

ZX1-LD100A81 2M ZX 1156M ZX1LD100A812M OMRON Laser Sensor ZX1 100±35mm 7micras PNP Cable 2m

Brand: OMRON | Manufacturer Part Number: ZX1-LD100A81 2M

Manufacturer	OMRON
MPN / Reference	ZX1-LD100A81 2M
Catalog number	ZX1LD100A812M
Category	Optical distance sensor
Minimum order	1 Pcs
Document ID	EO-76BAC57A28
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Product Overview

Laser Sensor ZX1 100±35mm 7micras PNP Cable 2m
Laser displacement sensor, 100 +/- 35 mm, PNP, 2m cable

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

Reference distance100 mmMeasuring range length65-135 mmGeometrical resolution0.007 mmOutput typePNPConnection methodCableSpot size0.33 mmHeight of sensor52.5 mmWidth of sensor24.1 mmOverall length of sensor49 mmCable length2 m
ETIM for 358735 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
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)
PNP
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 (...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / ZX1-LD100A81 2M 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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