

INDUSTRIAL COMPONENT DATA

ZX1-LD50A86 0,5M ZX 1170F ZX1LD50A8605M OMRON Laser Sensor ZX1 50±10mm 2micras PNP, Cable 0,5 m+connector

Brand: OMRON | Manufacturer Part Number: ZX1-LD50A86 0,5M



Manufacturer	OMRON
MPN / Reference	ZX1-LD50A86 0,5M
Catalog number	ZX1LD50A8605M
Category	Optical distance sensor
Minimum order	1 Pcs
Document ID	EO-8375EFD034
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Product Overview

Laser Sensor ZX1 50±10mm 2micras PNP, Cable 0,5 m+connector

Laser displacement sensor, 50 +/- 10 mm. PNP, 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 358749 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)
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)
0.02 mm²
Width sensor (EF007094)
24.1 mm
Height of sensor (EF007283)
52.5 mm

Geometrical resolution (EF004010)

0.002 mm

Max. output current (EF001315)

100 mA

Relative repeat accuracy (EF004100)

0.004 %

Length of sensor (EF007334)

49 mm...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / ZX1-LD50A86 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

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