



100m Short Mini Time Of Flight (ToF) Sensor

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Incoterm: FCA

Min. Order: 1 Piece/Pieces

Transportation: Air,Express

Port: Chengdu

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Product Description

Product Attributes

Packaging & Delivery

Product Description

Product Attributes

Model No.	: LiDAR-100m(b210819-220210g)
Brand	: JRT Measure
Place Of Origin	: China
Principle	: Optical Sensor
Output	: Digital Sensor
Jack	: Digital, Serial
Technology	: Optical
Application	: Industrial Automation
Laser Class	: Class II
Product Name	: ToF LiDAR Sensor
Measuring Frequency	: 100 Hz
Laser Type	: 905nm, <1mw, Red
Voltage	: DC2.5V~+3.5V
Serial Level	: TTL 3.3V
Model Number	: LiDAR-100m
Accuracy	: +/-10cm@ 0.1~3.5m
Measuring Range (without Reflection)	: 0.1-100m

Packaging & Delivery

Selling Units	: Piece/Pieces
Package Type	: Neutral packing

Product Description

100m Short Mini Time Of Flight (ToF) Sensor

Customers some times use the Time Of Flight (ToF) Sensor to do measurements of cars collision avoidance and want to use the IT02S [ToF Distance Sensor](#) to measure the longitudinal position. If you want to connect it to an arduino for testing purposes. That's okay, you can feel free to order one sample to test first. As you know, this [Time of Flight Sensor](#) board provides a serial interface.

If you want to get more about this product (ToF [LiDAR](#) Sensors Module for your industrial distance monitoring solution), such as price, specifications, after-sale services etc, maybe more. Please feel free to contact us. Looking forward to cooperate with you. Best Regards





Data sheet:

HSLD01-100Hz

Range: 100m

Size: 43*35*21mm

Weight: 20g

Accuracy: ± 10 cm

Frequency: 100 Hz

Laser Type: 905nm, Class I

Operating Temperature: $-15^{\circ}\text{C} \sim 50^{\circ}\text{C}$

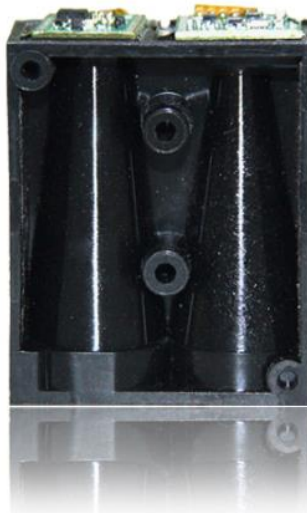
Notes:

1. Under bad measure condition, like environment with strong light or the diffuse reflectance of measuring point over-high or low, the accuracy would have bigger amount of error: $\pm 1 \text{ mm} + 40 \text{ PPM}$.
2. Under strong light or bad diffuse reflectance of target, please use a reflector.
3. Voltage can be changed by power converter LDO
4. Frequency would be affected by environment.
5. Operating temperature $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$ can be customized.
6. Analog can be customized.

More Detailed Pictures



Front and back



Product size

