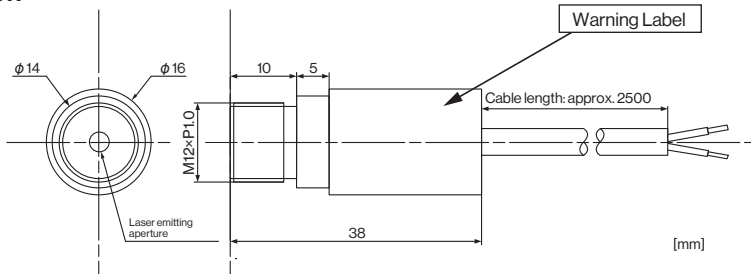


User's Manual

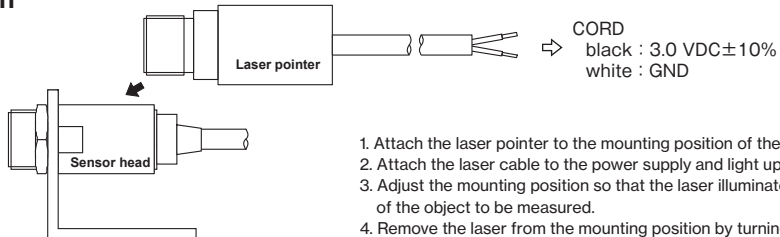
THERMO-HUNTER BUILT-IN3 CS-LDP

This laser pointer is used to replace the CS sensor head and install it, to check the measurement direction. Please do not use it for another purpose or remodel it.

Dimension



Installation



1. Attach the laser pointer to the mounting position of the sensor head.
2. Attach the laser cable to the power supply and light up.
3. Adjust the mounting position so that the laser illuminates the center of the object to be measured.
4. Remove the laser from the mounting position by turning off the laser.
5. Attach the sensor head to the mounting position.

Specifications

Supply voltage	3.0 VDC \pm 10%*
Wavelength	630-670nm
Maximum Power	\leq 1mW (CLASS 2)
Beam Divergence	\leq 1mrad
Optical Axis Accuracy	\pm 2"
Ambient Temperature	0 to 40°C
Environmental Humidity	35 to 85%RH (without dew condensation)
Storage Temperature	-10 to 60°C
Vibration Resistance	10 to 55Hz, 15 mm amplitude, 2 hours each for XYZ directions with packaging
Degree of Protection	IP40 (IEC 60529)
Materials	Stainless Steel
Weight	Approx. 60 g
Applicable Regulations	RoHS Directive(2011/65/EU), China RoHS(MIT Order No.32) FDA(21CFR 1040.10 and 1040.11)(except for deviations pursuant to Laser Notice No.56)*2
Applicable Standards	IEC 60825-1

Warning

Do not look into the laser beam, nor point it directly at eyes. Even the reflection is harmful. This laser may cause eye injury or damage to your health.



Warning Label

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*1 Do not connect CS-LDP to the same power supply as the CS series amplifier.
*2 Design and specifications are subject to change for product improvement without prior notice.

For China RoHS, please refer to https://www.optex-fa.com/rohs_cn/

