



LB-301
Amplifier Unit

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

ⓘ This model has been discontinued. Contact Us: 1-888-539-3623
Compliance with the certification standard is ensured as of the time of shipment from our company.

Recommended Replaceable Products: [CMOS Multi-Function Analog Laser Sensor - IL series](#)

Specifications

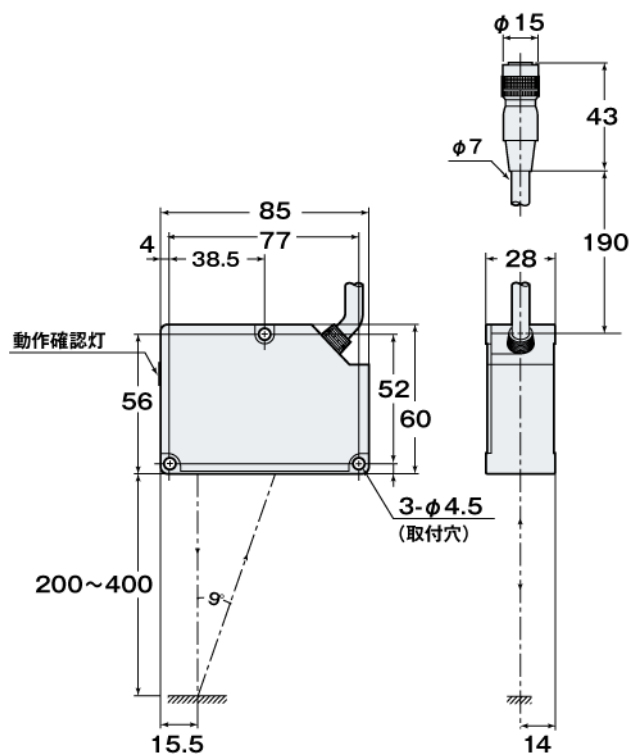
Model			LB-301
Type			Long-range Sensor head
Reference distance			300 mm 11.81"
Measuring range			±100 mm ±3.94"
Output	Laser Class	FDA (CDRH) 21CFR Part 1040.10	Class IIIb
		IEC 60825-1	Class 3B
Light source	Type		Invisible infrared semiconductor laser
	Pulse duration		35 μs
	Wavelength		785 nm
Spot diameter (with white paper)			1.2 x 2.5 mm0.05" x 0.10"*1
Linearity (with white paper)			0.4% of F.S.*1
Resolution (at LO mode with white paper at reference distance)			50 μm 1.97 Mil

*1 Spot diameter was measured with the target at the reference distance.

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

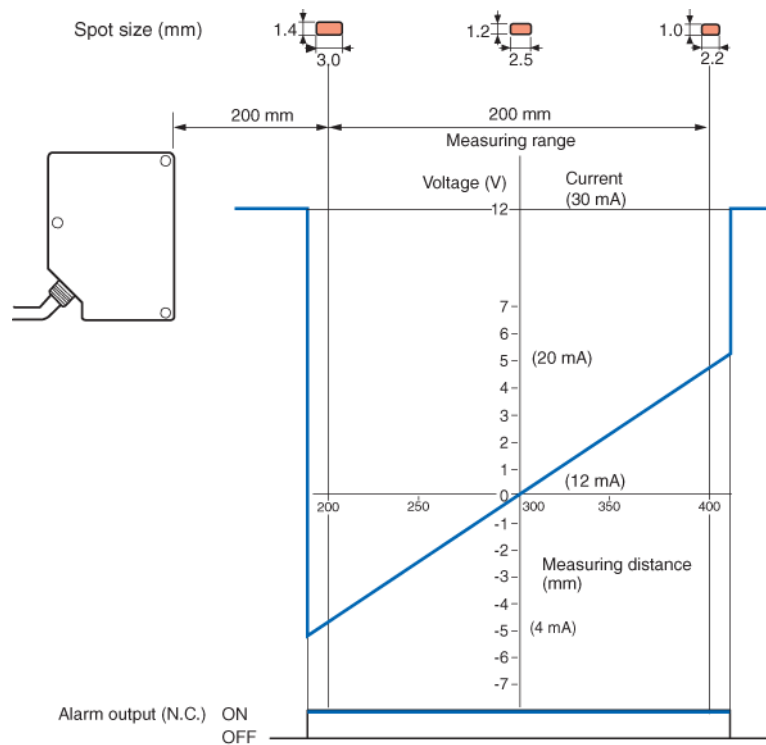
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Characteristic

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Changes in detection span when target is tilted

LB-301

LB-041/043

LB-081/083

40 mm \pm 5 mm

80 mm \pm 15 mm

300 mm \pm 100 mm

