

LR-XH100(10M)

Separate Amplifier Model, Sensor Head, 100mm range, 10m Cable

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

Specifications

Model		LR-XH100(10M)
Type		Cable Length: 10 m 32.8'
Detecting Distance		25.0 to 100.0 mm 0.98" to 3.94"
Standard Detectable Deviation		1.0 mm 0.04"
Display Resolution		0.1 mm 0.004"
Spot Size		Approx. 0.3 mm × 2 mm 0.012" × 0.08" (at a detecting distance of 100 mm 3.94")
Light Source	Type	Green laser (505 nm)
	Laser Class	Class 1 laser product (IEC60825-1, FDA (CDRH), Part1040.10*1)
Environmental resistance	Enclosure rating	IP65/IP67 (IEC60529)
	Ambient light	Incandescent lamp: 16,000 lux or less, Sunlight: 16000 lux or less
	Ambient temperature	-10°C to +50°C 14°F to 122°F (no freezing)
	Relative humidity	35 to 85% RH (no condensation)
	Vibration resistance	10 to 500 Hz; Power Spectral Density: 0.816 G^2/Hz for X, Y and Z axes
	Shock resistance	1000 m/s^2 (100G); 6 times each for X, Y, and Z axes
Material		Case: SUS316L; Lens Cover: PSU; Gasket: FKM (lens cover), EVM (cable)
Accessories		Laser warning label, sensor head connector
Weight		approx. 250 g

*1 Classification performed based on IEC60825-1 standards in accordance with FDA (CDRH) Laser Notice No. 56.

Dimensions

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

LR-XH50_XH100_XH250

