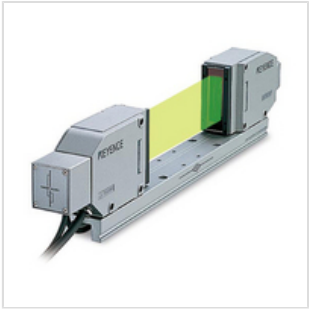




LS-7030
Sensor Head, without Monitor Function



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

Specifications

Model		LS-7030
Type		Standard
Classification		without monitor camera
Measurement range		0.3 to 30 mm 0.01" to 1.18"
Smallest detectable object		0.3 mm 0.01"
Transmitter/receiver distance		160 ±40 mm 6.30" ±1.57"
Repeatability		±0.15 µm ±0.000006"*1
Measurement accuracy		±2 µm ±0.00008"*2
Sampling cycle		2,400 samples/sec.*3
CCD scanning range		Approx. 33 mm 1.30"
Light source		GaN green LED
Monitor camera		Not provided
Environmental resistance	Enclosure rating	IP64*4
	Ambient temperature	0 to +50 °C 32 to 122 °F
	Relative humidity	35 to 85 % RH (No condensation)
Weight		Transmitter: Approx. 420 g, Receiver: Approx. 470 g, Base: Approx. 430 g

*1 The value of $\pm 2\sigma$ when the outer diameter of a rod 10 mm 0.39" in diameter is measured at the center of the measuring area while the number of averaging measurements is set to 512.

*2 The error when a moving rod 10 mm 0.39" in diameter is measured in the measuring area of 10 x 20 mm 0.39" x 0.79".

*3 1,200 samples/sec. when the mutual interference prevention function is used.

*4 The connector section is excluded.

Dimensions

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

LS-7030

