



Sensor heads IL100

URL: <https://www.sxplc.com/sensor-heads-il100>

Product data sheet

Reference distance	100 mm 3.94"	
Measurement range	75 to 130 mm 2.95" to 5.12"	
Light source	Type	Red semiconductor laser, wavelength: 655 nm (visible light)
	Laser class	Class 2 (FDA (CDRH) Part1040.10)* ¹ Class 2 (IEC 60825-1)
	Output	560 μW
Spot diameter (at standard distance)	Approx. 400 × 1350 μm	
Linearity	±0.15% of F.S. (80 to 120 mm 3.15" to 4.72")* ^{2*3}	
Repeatability	4 μm* ⁴	
Sampling rate	0.33/1/2/5 ms (4 levels available)	

