



Sensor heads IL100

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

Product data sheet

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|--------------------------------------|-------------|---|
| 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) |

