

Keyence IL-2000

IL-2000

SENSOR HEAD

1000 TO 3500 MM MEASURING DISTANCE

655 NM WAVELENGTH

RED SEMICONDUCTOR LASER

560 UW OUTPUT

10-55 HZ

-10 TO +50 DEGREE C

IP67

Model

IL-2000

Reference distance

2000 mm 78.74"

Measurement range

1000 to 3500 mm 39.37" to 137.80"

Light source

Type

Red semiconductor laser, wavelength: 655 nm (visible light)

Laser class

Class 2 (FDA (CDRH) Part1040.10)

Class 2 (IEC 60825-1)

Output

560 μ W

Spot diameter (at standard distance)

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

Approx. 1400 × 7000 μm

Linearity

±0.16% of F.S. (1000 to 3500 mm 39.37" to 137.80")

Repeatability

100 μm*5

Sampling rate

0.33/1/2/5 ms (4 levels available)

Operation status indicators

Laser emission warning indicator: Green LED, Analog range indicator: Orange LED, Reference distance indicator: Red/Green LED

Temperature characteristics

0.016% of F.S./° C

Environmental resistance

Enclosure rating

IP67

Pollution degree

3

Ambient light

Incandescent lamp: 10,000 lux

Ambient temperature

-10 to +50 ° C 14 to 122 ° F (No condensation or freezing)

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Relative humidity

35 to 85 % RH (No condensation)

Vibration resistance

10 to 55 Hz, Double amplitude 1.5 mm 0.06", 2 hours in each of the X, Y, and Z directions

Material

Housing material: PBT, Metal parts: SUS304, Packing: NBR, Lens cover: Glass, Cable: PVC

Weight

Approx. 350 g



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