Keyence IL-1500

Model: IL-1500
Brand: Keyence
Series: IL series

Multi-function analog laser sensor amplifier unit, panel mount, main unit with analog outputs.

—— Hardware ——
Type: CMOS multi-function analog laser sensor amplifier unit
Mounting: Panel mount, Main unit
Head compatibility: All IL series sensor heads
Display: 6-digit; minimum displayable unit 1 µm (IL-S025/IL-030), 2 µm (IL-S065/IL-065/IL-100), 10 µm (IL-300), 50 µm (IL-600)
Display rate: Approx. 10 times/sec

—— Communication ——
Built-in ports: None
Protocols: None
Communication expansion: Via optional IL series communication units (sold separately)

—— Electrical ——
Supply voltage: 10 to 30 VDC, ripple (P-P) 10% included, Class 2
Power consumption: 2500 mW or less (84 mA or less at 30 V)
Output type: Judgment output open collector (NPN/PNP changeover, N.O./N.C. changeover); alarm output open collector (NPN/PNP changeover, N.C.)
Analog voltage output: ±5 V, 1 to 5 V, or 0 to 5 V, output impedance 100 Ω (select one)
Analog current output: 4 to 20 mA, max. load resistance 350 Ω (select one)

—— Environmental ——
Operating temperature: -10 to +50 ° C (No condensation or freezing)
Storage temperature: Not available
Relative humidity: 35 to 85 % RH (No condensation)
Protection rating: Not available

—— Physical ——
Dimensions (H×W×D): Not available
Weight: Approx. 170 g (including attachments)

—— Lifecycle ——

You can contact us through the following contact information

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

Active; official Keyence production status confirmed via product/spec page (Last verified: 2026-09)

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