Keyence LV-S31

Model: LV-S31
Brand: Keyence
Series: LV-N series

Digital laser sensor head (diffuse-reflective, adjustable distance definite reflective). Compatible with LV-N series amplifiers.

—— Hardware ——
Product type: Digital laser sensor head (LV-S ultra-small type)
Category: Diffuse-reflective
Type: Adjustable distance definite reflective
Light source: Visible red semiconductor laser, Wavelength: 655 nm
Laser classification: Class 1 Laser Product (FDA CDRH Part 1040.10, IEC 60825-1)
Detecting distance: 50 to 200 mm (adjustment range)
Material (case): Glass reinforced plastic

—— Communication ——
Built-in ports: None (connects to LV-N amplifier via dedicated cable)
Protocols: None
Communication expansion: None

—— Electrical ——
Supply voltage: Supplied by LV-N amplifier unit
Power consumption: Not available
Output type: Not available (sensor head only; output via amplifier)

—— Environmental ——
Operating temperature: 0 to +50 ° C
Relative humidity: Not available
Protection rating: Not available

—— Physical ——
Dimensions (H×W×D): Not available
Weight: Approx. 75 g

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

You can contact us through the following contact information

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