Keyence LV-NH42

Model: LV-NH42
Brand: Keyence
Series: LV-N series

Digital laser sensor head (diffuse-reflective, area type, long-distance).

—— Hardware ——
Product type: Digital laser sensor head
Category: Diffuse-reflective, Area type
Type: Long-distance
Light source: Visible red semiconductor laser, Wavelength: 660 nm
Laser classification: Class 1 Laser Product (FDA CDRH Part 1040.10, IEC 60825-1)
Detecting distance: 1200 mm maximum (MEGA mode)
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: -10 to +55 ° C
Relative humidity: 35 to 85 % RH (No condensation) (where specified)
Protection rating: Not available

—— Physical ——
Dimensions (H×W×D): Not available
Weight: Approx. 65 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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