LV-NH100

Industrial automation components

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Manufacturer	Keyence
Catalog number	lv-nh100
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Keyence
Part Number	LV-NH100
Product Type	Area Thrubeam Laser Sensor Head
Detection Distance	2000 mm
Detection Area	10 mm
Light Source	Visible red semiconductor laser
Wavelength	660 nm
Housing Material	Glass-reinforced plastic
Lens Cover Material (Transmitter)	Glass
Lens Cover Material (Receiver)	Polyarylate
Waga	75 g

Description

The Keyence LV-NH100 is a high-performance area thrubeam laser sensor head designed for precise object detection in industrial automation applications. Operating with a visible red semiconductor laser at a wavelength of 660 nm, it offers a detection distance of up to 2000 mm with a 10 mm detection area, ensuring accurate and reliable performance.

The sensor head is housed in a glass-reinforced plastic case, with a lens cover made of glass for the transmitter and polyarylate for the receiver, providing durability and resistance to environmental

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factors.

Weighing approximately 75 grams, the LV-NH100 is suitable for various industrial environments, with an operating temperature range of -10 to +55°C and a humidity range of 35 to 85% RH, excluding condensation.

This sensor head is ideal for applications requiring precise and reliable object detection over extended distances.