AUTOMATION TRADER

IX-055

Industrial automation components

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Manufacturer	Keyence
Catalog number	ix-055
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Measurement Range	45 - 65
Product Type	Sensor
Measurement Range	45 - 65 mm
Reference Distance	55 mm
Laser Type	Red Semiconductor Laser
Laser Class	Class II
Enclosure Rating	IP67
Operating Temperature	0 to +45 °C

Description

The Keyence IX-055 is a high-precision laser sensor head designed for accurate displacement measurements in industrial automation applications. With a reference distance of 55 mm and a measuring range from 45 to 65 mm, it offers versatile detection capabilities.

The sensor head utilizes a 660 nm red semiconductor laser, classified as a Class II laser product, ensuring safety and reliability. Its compact design, weighing approximately 190 g, makes it suitable for integration into various automation systems.

The IX-055 is engineered to withstand challenging industrial environments, featuring an IP67 enclosure rating, vibration resistance, and a wide operating temperature range from 0 to +45°C. This robustness ensures consistent performance in demanding conditions.

For detailed specifications and integration guidelines, refer to the official Keyence product page.