IX-1050

Industrial automation components

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Manufacturer	Keyence
Catalog number	ix-1050
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Display Range	±999.99 to ±999 mm
Display Resolution	10 µm
Number of Input Points	8 points
Number of Output Points	10 points
Operating Temperature Range	0 to +50 °C
Operating Humidity Range	35 to 85 % RH

Description

The Keyence IX-1050 is an expansion unit designed for the IX series of image-based laser sensors. It enhances measurement capabilities by connecting to a main unit, enabling advanced functions such as height detection, thickness calculation, and position adjustment.

The IX-1050 offers a display range from ±999.99 to ±999 mm with a minimum display unit of 10 µm, providing precise measurements for various industrial applications. It supports multiple tools in both scan and line modes, including height, height difference, and tilt correction, facilitating comprehensive analysis.

The unit features 8 input points and 10 output points, allowing for flexible integration into automated systems. Its compact design, weighing approximately 190 g, ensures easy installation and minimal space usage.

The IX-1050 operates within an ambient temperature range of 0 to +50°C and a relative humidity of 35 to 85%, making it suitable for diverse industrial environments. For detailed specifications and integration guidelines, refer to the official Keyence product page.

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