CA-EN100U

Industrial automation components

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Manufacturer	Keyence
Catalog number	ca-en100u
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Keyence
Part Number	CA-EN100U
Product Type	Encoder Relay Unit
Application Area	Vision Systems
Pulse Support	Up to 150,000 pulses
Minimum Resolution	0.024° (8.64 seconds)
Maximum Output Frequency	16 MHz
IP Rating	IP65

Description

The Keyence CA-EN100U is an encoder relay unit designed to enhance the performance of Keyence's line scan cameras, particularly within the LJ-X8000 series. This unit facilitates high-resolution and high-speed output by supporting up to 150,000 pulses, enabling precise measurements with a minimum resolution of 0.024° (8.64 seconds).

It also offers high-speed output at a maximum frequency of 16 MHz. The CA-EN100U is engineered for durability, featuring an IP65-compatible design that provides resistance to water and dust, making it suitable for various industrial environments.

This encoder relay unit is an essential component for applications requiring accurate and rapid data processing in vision systems.

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