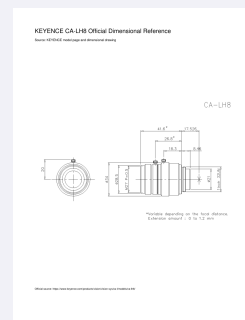


FIELD INSTALLATION QUICK GUIDE

# Installation Instructions

## CA-LH8

Low-distortion machine vision lens



|          |                                    |
|----------|------------------------------------|
| PRODUCT  | CA-LH8                             |
| FAMILY   | CA-L high-resolution lens series   |
| FUNCTION | Low-distortion machine vision lens |
| STATUS   | Verify exact installed equipment   |

Prepared by Amikon Limited from KEYENCE documentation. This guide supplements the complete manufacturer manual and site procedure.

### 01

## CONFIRM THE ORDERED CONFIGURATION

|                          |                |
|--------------------------|----------------|
| Focal Length             | 8 mm           |
| Aperture Range           | F1.4 to F16    |
| Minimum Working Distance | 0.1 m          |
| Lens Mount               | C-mount        |
| Filter Thread            | 27.0 mm P0.5   |
| Compatible Sensor Size   | Up to 2/3 inch |

### 02

## PREPARATION AND CONNECTION

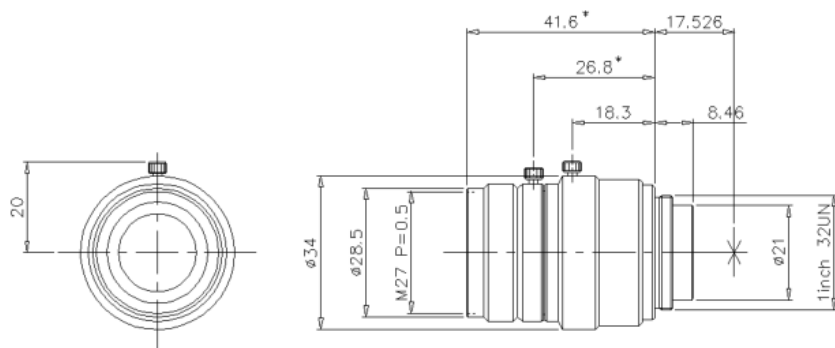
- Confirm the complete CA-LH8 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

## OFFICIAL INSTALLATION REFERENCE

### KEYENCE CA-LH8 Official Dimensional Reference

Source: KEYENCE model page and dimensional drawing

CA-LH8



\*Variable depending on the focal distance.  
Extension amount : 0 to 1.2 mm

Official source: <https://www.keyence.com/products/vision/vision-sys/ca-l/models/ca-lh8/>

## 04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

## 05 CONTROLLED DOCUMENT

|                 |                                                                |
|-----------------|----------------------------------------------------------------|
| Official source | KEYENCE CA-LH8 official specifications and dimensional drawing |
| Product record  | CA-LH8                                                         |
| Manufacturer    | KEYENCE                                                        |
| Warranty        | 12 months from AMIKON                                          |
| Support         | INFO@AMIKON.CN                                                 |

AMIKON PRODUCT SUPPORT

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