

## INDUSTRIAL COMPONENT DATA

# UHGC1030L3P HG-C1030L3-P PANASONIC Compact Laser Displacement Sensor, 30mm+-5mm, IO Link, cable 2m

Brand: PANASONIC | Manufacturer Part Number: UHGC1030L3P



|                 |                                            |
|-----------------|--------------------------------------------|
| Manufacturer    | PANASONIC                                  |
| MPN / Reference | UHGC1030L3P                                |
| Catalog number  | UHGC1030L3P                                |
| Category        | Laser Sensors - Spot Type - AN - PANASONIC |
| Minimum order   | 1 unit                                     |
| Document ID     | EO-49F716955F                              |
| Generated       | 2026-07-29                                 |

## Product Overview

UHGC1030L3P HG-C1030L3-P PANASONIC Compact Laser Displacement Sensor, 30mm+-5mm, IO Link, cable 2m

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path PANASONIC > Laser Sensors - Spot Type - AN - PANASONIC

## Additional Product Information

Product Number HG-C1030L3-P

Part Number HG-C1030L3-P

Product CMOS Type Micro Laser Distance Sensor

Details Discrete wire type

Product name CMOS type Micro Laser Distance Sensor HG-C1000L

Item Specifications

Product Number HG-C1030L3-P

Part Number HG-C1030L3-P

Applicable regulations and certifications CE Marking (EMC Directive, RoHS Directive), UKCA Marking (EMC Regulations, RoHS Regulations), FDA Regulations, UL/c-UL Certification

Measurement center distance 30 mm 1.181 in

Measuring range  $\pm 5$  mm 0.197 in

Repeatability 10  $\mu$ m 0.394 mil

Linearity  $\pm 0.1$  % F.S.

Temperature characteristics 0.03%F.S./°C

Light source Red semiconductor laser Class 2 [IEC / EN/ JIS / GB / KS / FDA (Note)] Max. output: 1 mW, emission peak wavelength: 655 nm 0.026 mil

(Note:) This product complies with the FDA regulations (FDA 21 CFR 1040.10 and 1040.11) in accordance with FDA Laser Notice No. 56, except for complying with IEC 60825-1 Ed. 3.

Beam diameter  $\varnothing 50 \mu\text{m}$  1.969 mil approx

Supply voltage 24 V DC  $\pm 10\%$  Ripple P-P 10 %

Current consumption 40 mA or less (at 24 V DC supply voltage)

Communication output (C/Q) : IO-Link communication IO-Link Specification V1.1

Communication output (C/Q) : Baud rate COM3 (230.4 kbps)

Communication output (C/Q) : Process data 4 byte

Communication output (C/Q) : Minimum cycle time 1.0 ms

Control output PNP open-collector transistor

- Maximum source current: 50 mA
- Applied voltage: 30 V DC or less (Between control output to +V)
- Residual voltage: 1.5 V or less (at 50 mA sour...)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PANASONIC / UHGC1030L3P with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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