

INDUSTRIAL COMPONENT DATA

UHGC1050L3P HG-C1050L3-P PANASONIC Compact Laser Displacement Sensor, 50mm+-15mm, IO Link, cable 2m

Brand: PANASONIC | Manufacturer Part Number: UHGC1050L3P



Manufacturer	PANASONIC
MPN / Reference	UHGC1050L3P
Catalog number	UHGC1050L3P
Category	Laser Sensors - Spot Type - AN - PANASONIC
Minimum order	1 unit
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Product Overview

UHGC1050L3P HG-C1050L3-P PANASONIC Compact Laser Displacement Sensor, 50mm+-15mm, 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-C1050L3-P

Part Number HG-C1050L3-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-C1050L3-P

Part Number HG-C1050L3-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 50 mm 1.969 in

Measuring range ± 15 mm 0.591 in

Repeatability 30 μ m 1.181 mil

Linearity ± 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 $\varnothing 70 \mu\text{m}$ 2.756 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 so...)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PANASONIC / UHGC1050L3P with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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