

INDUSTRIAL COMPONENT DATA

UHGC1200L3PJ HG-C1200L3-P-J PANASONIC Compact Laser Displacement Sensor, 200mm+/-80mm, IO Link, M12 Pigtail ..

Brand: PANASONIC | Manufacturer Part Number: UHGC1200L3PJ



Manufacturer	PANASONIC
MPN / Reference	UHGC1200L3PJ
Catalog number	UHGC1200L3PJ
Category	Laser Sensors - Spot Type - AN - PANASONIC
Minimum order	1 unit
Document ID	EO-D821325602
Generated	2026-08-01

Product Overview

UHGC1200L3PJ HG-C1200L3-P-J PANASONIC Compact Laser Displacement Sensor, 200mm+/-80mm, IO Link, M12 Pigtail ..

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-C1200L3-P-J

Part Number HG-C1200L3-P-J

Product CMOS Type Micro Laser Distance Sensor

Details M12 connector type

Product name CMOS type Micro Laser Distance Sensor HG-C1000L

Item Specifications

Product Number HG-C1200L3-P-J

Part Number HG-C1200L3-P-J

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 200 mm 7.874 in

Measuring range ± 80 mm 3.150 in

Repeatability 200 μ m 7.874 mil

Linearity ± 0.2 % 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 $\varnothing 300$ μ m 11.811 mil approx.

Supply voltage 24 V DC ± 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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PANASONIC / UHGC1200L3PJ 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.