INDUSTRIAL COMPONENT DATA

UHGC1400L3P HG-C1400L3-P PANASONIC Compact Laser Displacement Sensor, 400mm+/-200mm, IO Link, cable 2m

Brand: PANASONIC | Manufacturer Part Number: UHGC1400L3P

Manufacturer	PANASONIC
MPN / Reference	UHGC1400L3P
Catalog number	UHGC1400L3P
Category	Laser Sensors - Spot Type - AN - PANASONIC
Minimum order	1 unit
Document ID	EO-E3145CF3CF
Generated	2026-07-29

Product Overview

UHGC1400L3P HG-C1400L3-P PANASONIC Compact Laser Displacement Sensor, 400mm+/-200mm, 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-C1400L3-P
Part Number HG-C1400L3-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-C1400L3-P
Part Number HG-C1400L3-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 400 mm 15.748 in
Measuring range ±200 mm 7.874 in
Repeatability 300 um 11.811 mil
(Measuring distance 200 to 400 mm 7.874 to 15.748 in)
800 um 31.496 mil

(Measuring distance 400 to 600 mm 15.748 to 23.622 in)
Linearity ±0.2 % F.S.
(Measuring distance 200 to 400 mm 7.874 to 15.748 in)
±0.3 % F.S.
(Measuring distance 400 to 600 mm 15.748 to 23.622 in)
Temprerature 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 ø500 um 19.685 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 d...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PANASONIC / UHGC1400L3P 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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