Panasonic

CMOS type

# Micro Laser Distance Sensor

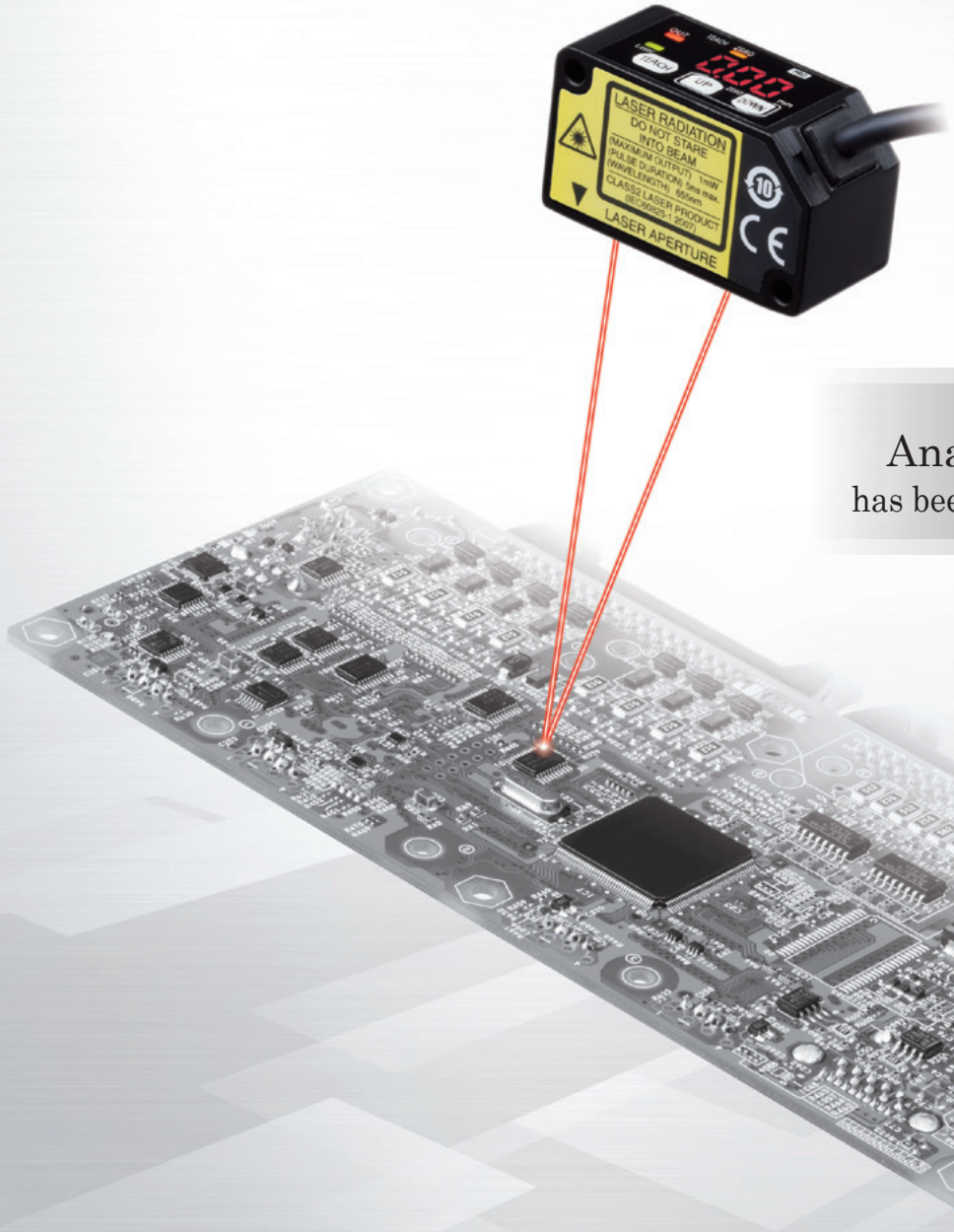
## HG-C SERIES

CE Conforming to EMC Directive

FDA Conforming to FDA regulations

# Reliable detection in repeatability 10 µm*

*HG-C1030(-P)




NEW

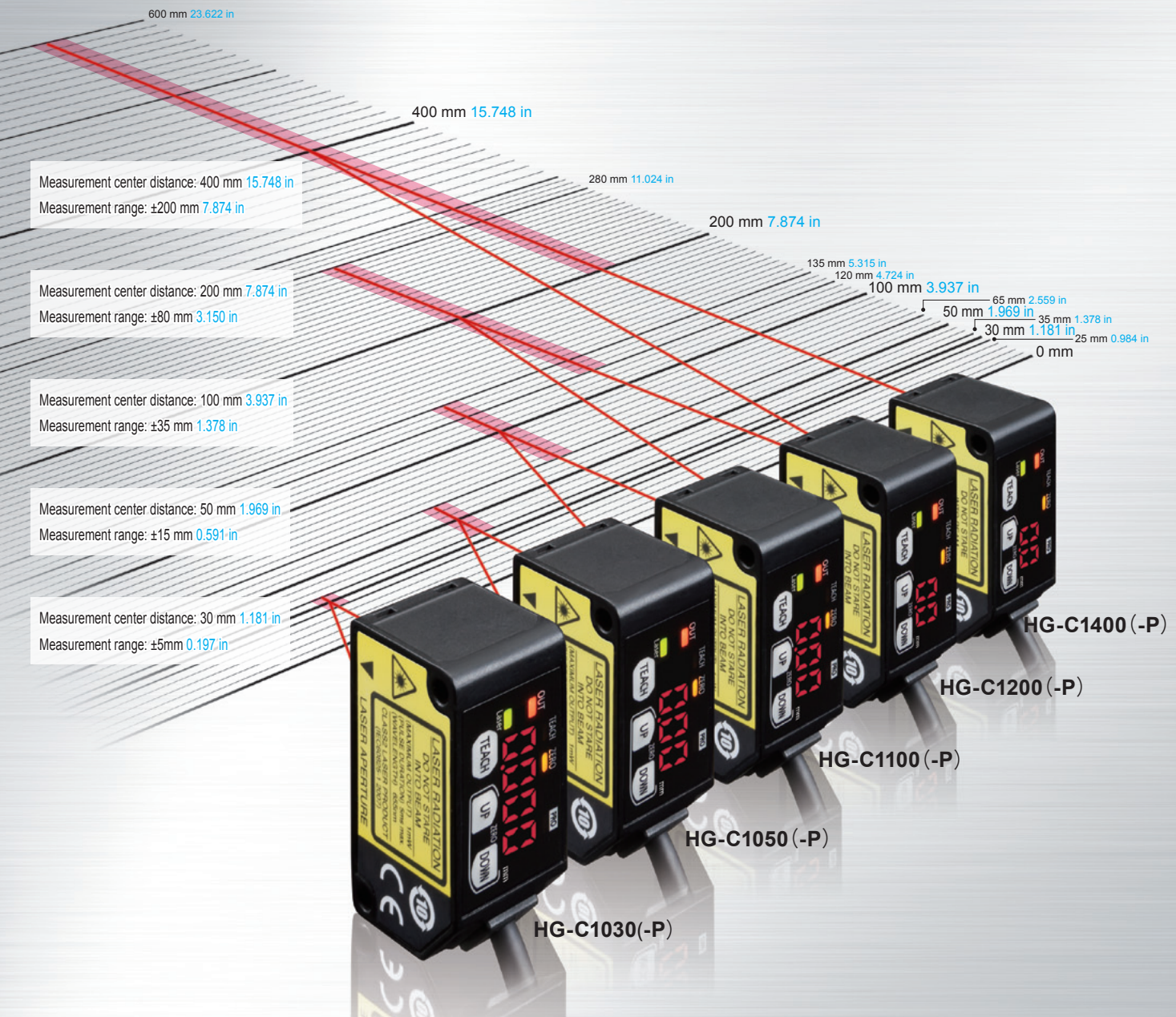
Analog current output has been added since August, 2016.

# HG-C SERIES

**Repeatability**
10 µm *HG-C1030(-P)

**Dimensions**
W20 × H44 × D25 mm

**Inflection resistant cable**
All models are adopted.




| Item / Model No. | HG-C1030(-P) | HG-C1050(-P) | HG-C1100(-P) | HG-C1200(-P) | HG-C1400(-P) |
|---|---|---|---|---|---|
| Measurement center distance | 30 mm 1.181 in | 50 mm 1.969 in | 100 mm 3.937 in | 200 mm 7.874 in | 400 mm 15.748 in |
| Measurement range | ±5 mm 0.197 in | ±15 mm 0.591 in | ±35 mm 1.378 in | ±80 mm 3.150 in | ±200 mm 7.874 in |
| Beam diameter | ø50 µm 1.969 mil approx. | ø70 µm 2.756 mil approx. | ø120 µm 4.724 mil approx. | ø300 µm 11.811 mil approx. | ø500 µm 19.685 mil approx. |
| Repeatability | 10 µm 0.394 mil | 30 µm 1.181 mil | 70 µm 2.756 mil | 200 µm 7.874 mil | 300 µm 11.811 mil (Measuring distance 200 to 400 mm 7.874 to 15.748 in) 800 µm 31.496 mil (Measuring distance 400 to 600 mm 15.748 to 23.622 in) |