

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

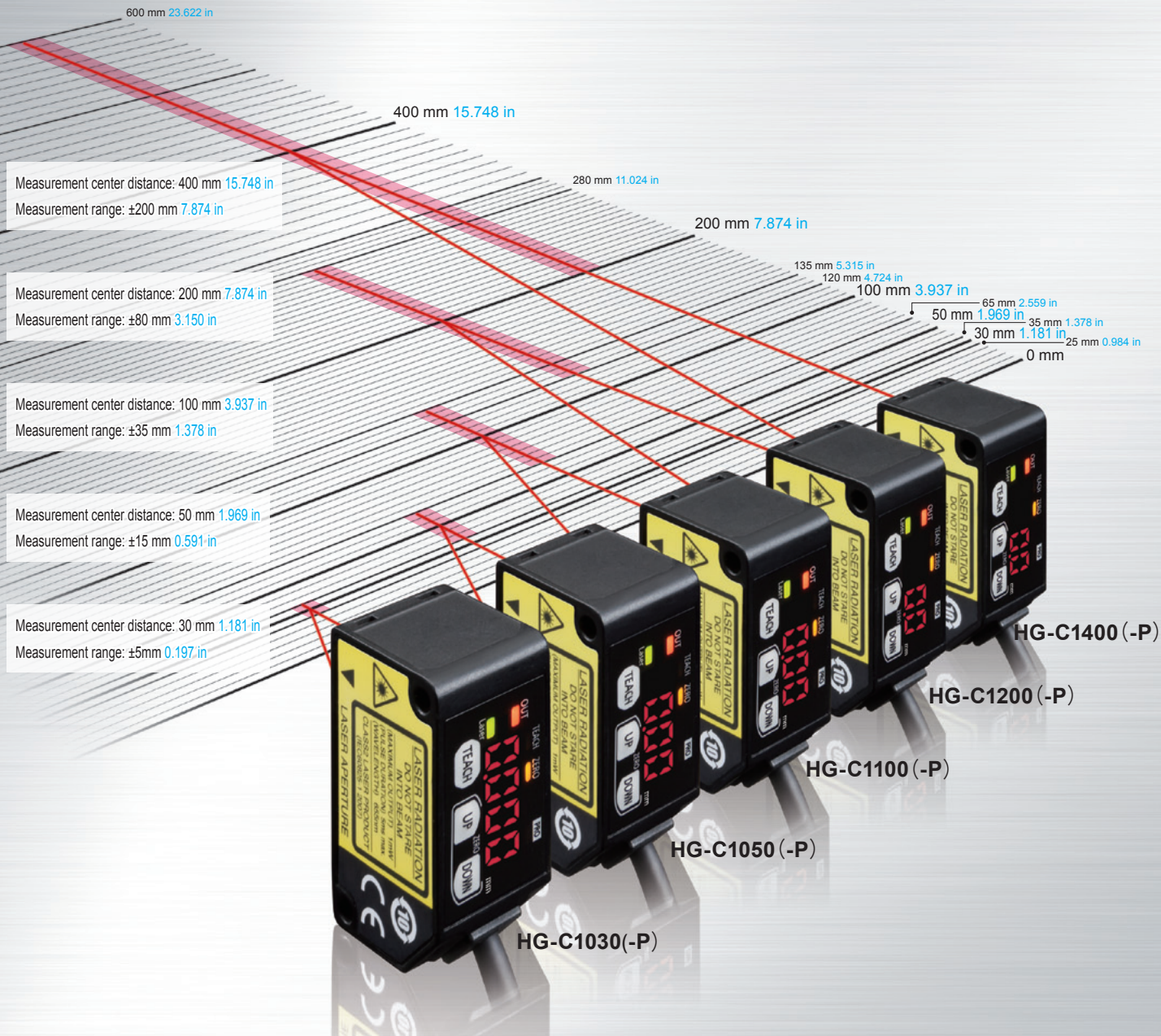
Analog current output
has been added since August, 2016.

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 | | $\varnothing 50 \mu\text{m}$ 1.969 mil approx. | $\varnothing 70 \mu\text{m}$ 2.756 mil approx. | $\varnothing 120 \mu\text{m}$ 4.724 mil approx. | $\varnothing 300 \mu\text{m}$ 11.811 mil approx. | $\varnothing 500 \mu\text{m}$ 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) |