Panasonic

CMOS type

Micro Laser Distance Sensor

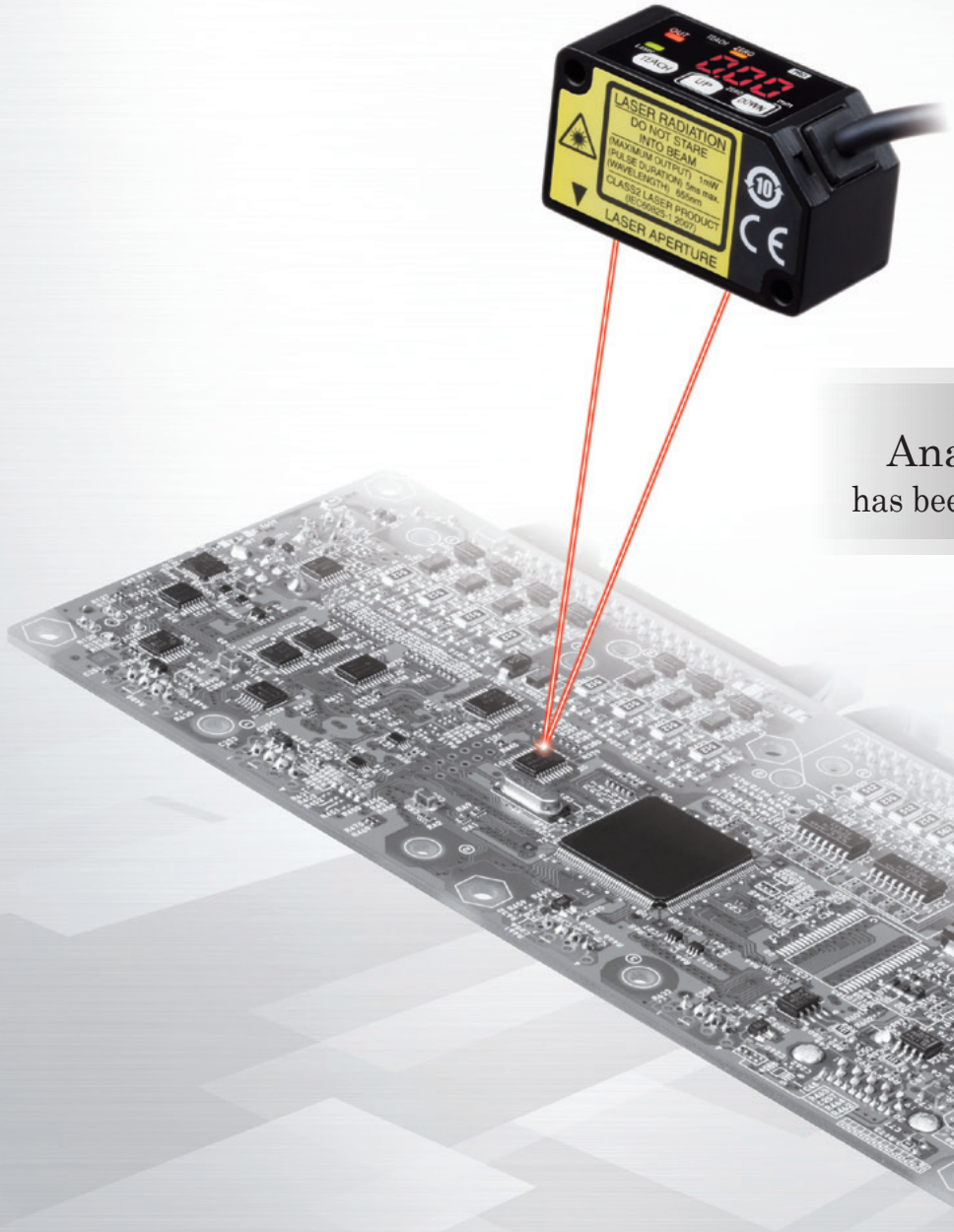
HG-C SERIES

CE Conforming to EMC Directive

FDA Conforming to FDA regulations

Reliable detection in repeatability 10 µm*

*HG-C1030(-P)



NEW

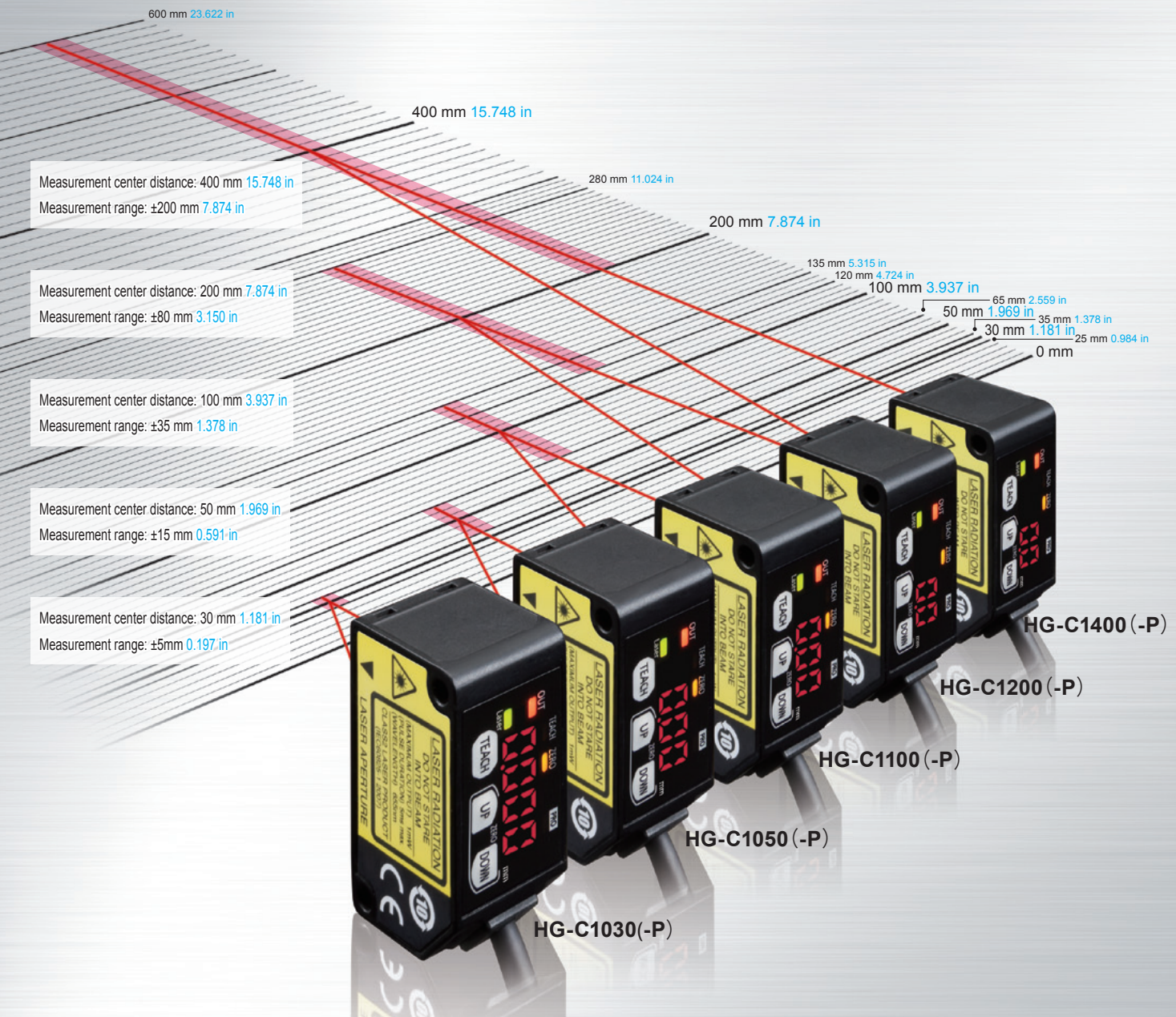
Analog current output has been added since August, 2016.

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)