

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

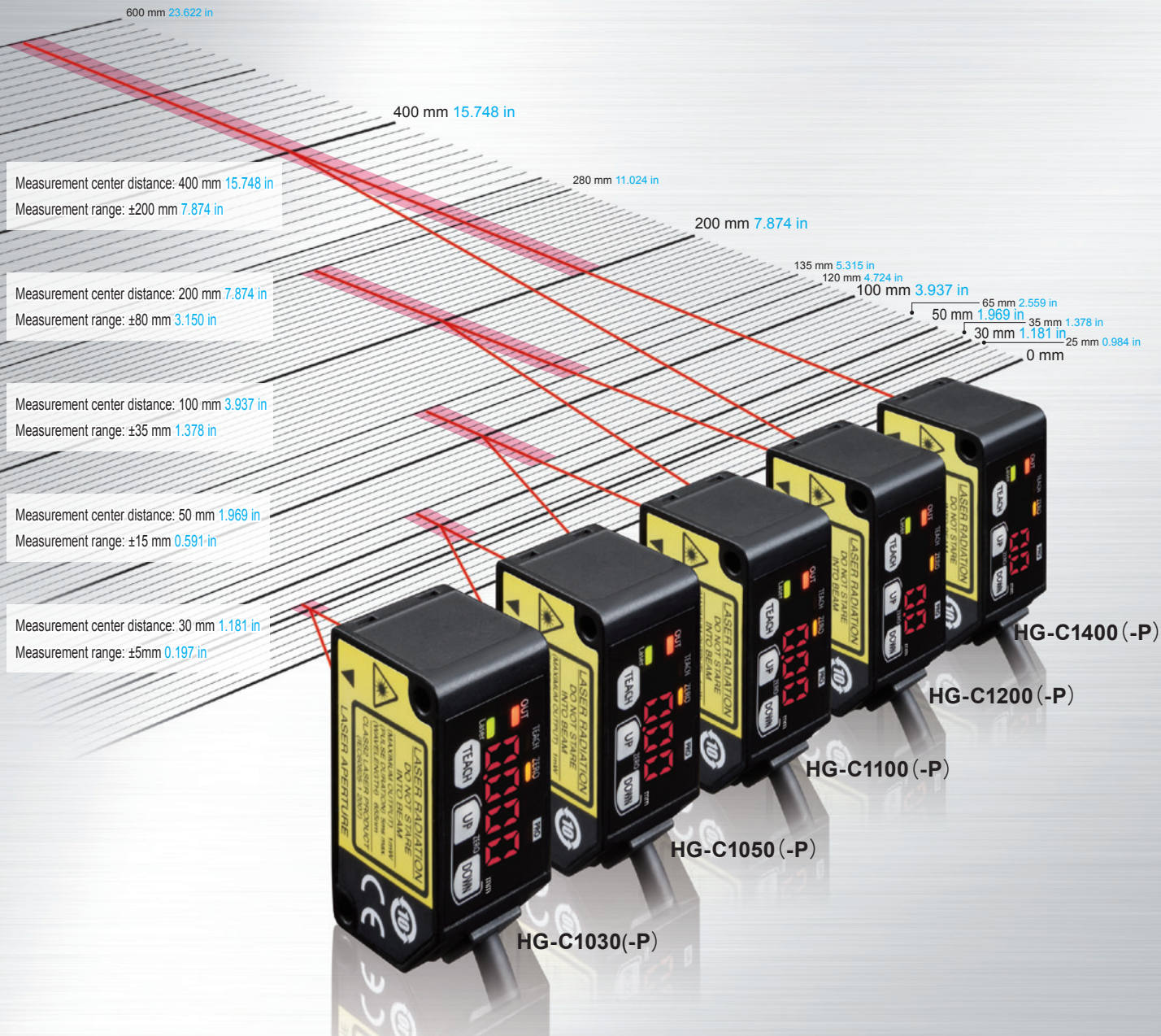
Analog current output
has been added since August, 2016.

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)