

# Panasonic

CMOS type

## Micro Laser Distance Sensor

### HG-C<sub>SERIES</sub>

**CE**  
Conforming to  
EMC Directive

**FDA**  
Conforming to  
FDA regulations

Reliable detection  
in repeatability **10**  $\mu\text{m}^*$   
\*HG-C1030(-P)



**NEW**

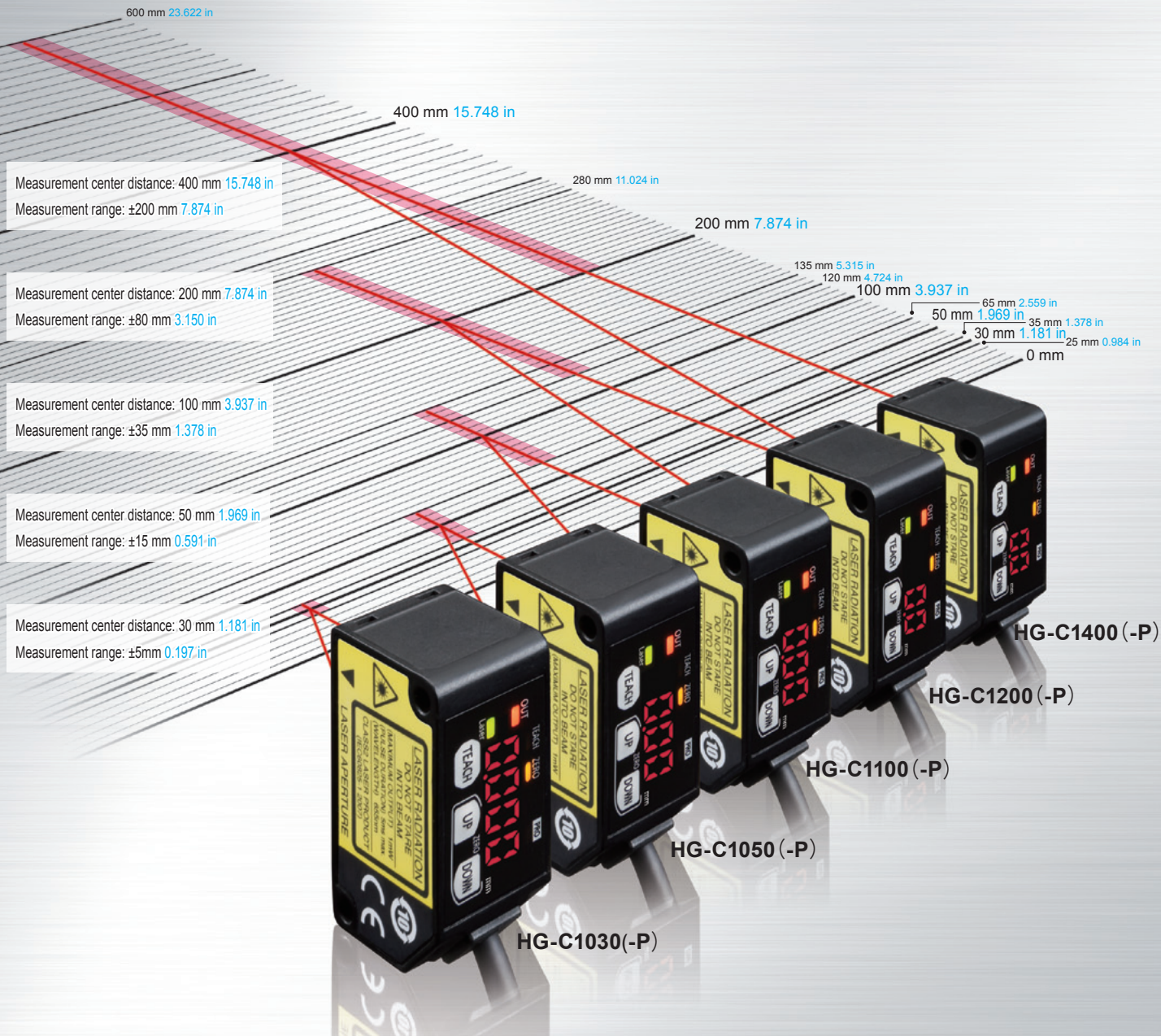
Analog current output  
has been added since August, 2016.

# HG-C SERIES

**Repeatability**  
10  $\mu\text{m}$  \*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		$\pm 5$ mm 0.197 in	$\pm 15$ mm 0.591 in	$\pm 35$ mm 1.378 in	$\pm 80$ mm 3.150 in	$\pm 200$ 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 $\mu\text{m}$ 0.394 mil	30 $\mu\text{m}$ 1.181 mil	70 $\mu\text{m}$ 2.756 mil	200 $\mu\text{m}$ 7.874 mil	300 $\mu\text{m}$ 11.811 mil (Measuring distance 200 to 400 mm 7.874 to 15.748 in) 800 $\mu\text{m}$ 31.496 mil (Measuring distance 400 to 600 mm 15.748 to 23.622 in)