

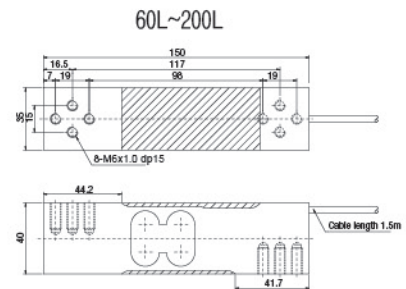
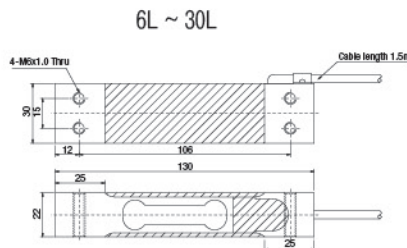
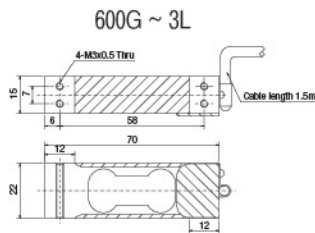
CBCL

Single point load cell **600gf, 1, 2, 3, 6, 10, 15, 20, 30, 60, 100, 200 kgf**

www.curiotec.com



DIMENSIONS



FEATURES

- Low cost
- Off center compensated
- Protection class IP65

Material

Anodized Aluminum

Cable

Braided shield 4-wire round cable with PVC-jacket

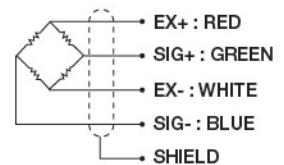
Mounting

Capacity	Socket-head cap screw	Tightening torque	Max. platform size
600gf~3kgf	M3 x 0.5(10.9)	1.5Nm	200 x 200 mm
6kgf~30kgf	M6 x 1.0(10.9)	14Nm	300 x 300 mm
60kgf~200kgf	M6 x 1.0(10.9)	14Nm	400 x 400 mm

Ordering Information

CBCL-xxxL(G)

Capacity in kg(g)



SPECIFICATIONS

Max. Capacity	kgf	600gf, 1, 2, 3	6 ~ 200
Rated output	mV/V	1.0 ± 0.1	2.0 ± 0.2
Zero balance	mV/V	0 ± 0.1	0 ± 0.1
Combined error	%RO	0.03	
Repeatability	%RO	0.01	
Creep(30min.)	%RO	0.03	
Temperature effec on			
Zero value	%RO/10°C	0.028	
Output value	%RO/10°C	0.014	
Excitation			
Recommended	V	10	
Maximum	V	15	
Resistance			
Input	Ω	400 ± 20	
Output	Ω	350 ± 3.5	
Insulation	MΩ	>2,000@50V DC	
Compensated temp. range	°C	-10 ~ +40	
Operating temp. range	°C	-20 ~ +80	