

# CBCL

Single Point Load Cell

5, 6, 10, 15, 20, 30, 50, 60, 100, 200 kgf



5L ~ 50L



60L ~ 200L

## FEATURES

- Low cost
- Off center compensated
- Protection class IP65

## Material

- Anodized Aluminum
- Option : Stainless steel (50 kgf~200 kgf)

## Cable

- Braided shield 4-wire round cable with PVC - jacket

## Mounting

- Socket-head cap screw
- M6 × 1.0 (10.9)
- Tightening torque : 14Nm

## Maximum Platform Size

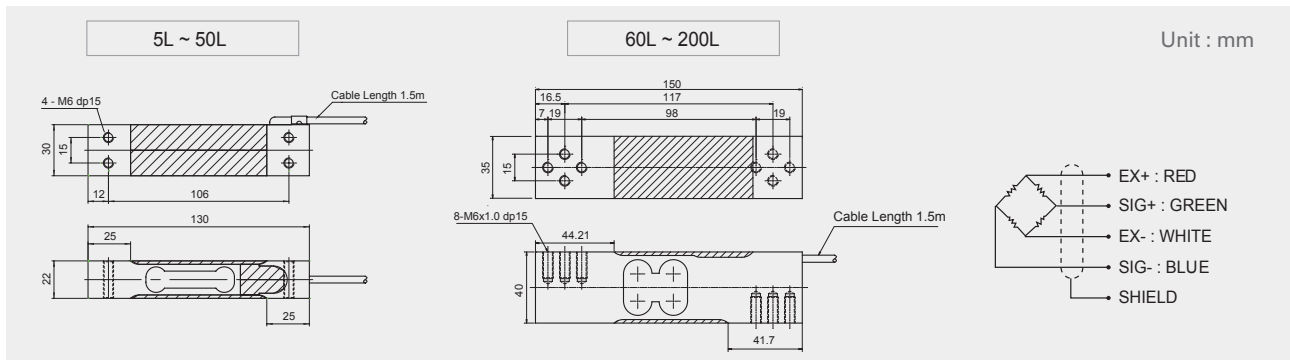
- 6~30kgf : 300 × 300 mm
- 60~200kgf : 400 × 400 mm

## Ordering Information

- CBCL -xxx L

Capacity in kgf

## DIMENSIONS



## SPECIFICATIONS

Max. Capacity		kgf	5, 6, 10, 15, 20, 30, 50, 60, 100, 200 kgf
Rated output		mV/V	2.0 ± 0.2
Zero balance		mV/V	0 ± 0.1
Combined error		%RO	0.03
Repeatability		%RO	0.01
Creep (30min.)		%RO	0.03
Temperature effect 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