

# BCLS

Single Point Load Cell (60~150kgf)



## Description

BCLS is a low profile single point type load cell of stainless steel. It is suitable for small sized commercial scale, bench scale and counting scale in humid environment.

## Specifications

Capacity(R.L.)		kgf	60, 150	
Rated Output	mV / V		1.0 ± 0.2	
Zero Balance	mV / V		0.0 ± 0.1	
Accuracy Class	-		C3	-
Non-Linearity	% R.O.		≤0.025	≤0.03
Hysteresis	% R.O.		≤0.025	≤0.03
Combined Error	% R.O.		≤0.025	≤0.03
Repeatability	% R.O.		≤0.01	≤0.01
Creep for 30min.	% R.O.		≤0.017	≤0.03
Return for 30min.	% R.O.		≤0.017	≤0.03
Resolution	-		≤1/4000	≤1/3000
Division	mV / V		0.00025	0.00033
Temperature Effect on	-Zero Value	%/10°C	≤0.014	≤0.03
	-Output Value	%/10°C	≤0.011	≤0.03
Excitation	-Recommended	V	10	
	-Maximum	V	15	
Resistance	-Input	Ω	400 ± 20	
	-Output	Ω	350 ± 3.5	
	-Insulation	MΩ	> 2000	
Compensated Temperature Range	°C		-10 to +40	
Operating Temperature Range	°C		-30 to +80	
Material & Plate	-		Stainless steel	
Cable Specification	-		Ø5 x 4P x 2m (PVC)	
Safety Overload	% R.L.		150	
Platform Size	mm		400 x 500	

## Features

- ▶ Pressure type
- ▶ Stainless steel material
- ▶ Designed according to IP67

## Option

- ▶ OIML C3 Approved (OIML R60)

## Application

- ▶ Water proof platform scale
- ▶ Water proof weighing system

## Dimensions

- ▶ BCLS (60~150kgf)

