

# BCLS

Single Point Load Cell (10~50kgf)



## Description

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



## Specifications

Capacity(R.L.)		kgf	10, 15, 20, 30, 50		
Rated Output	mV / V		2.0 ± 0.2		
Zero Balance	mV / V		0 ± 0.05		
Accuracy Class	-		C4	C3	-
Non-Linearity	% R.O.		≤0.015	≤0.025	≤0.03
Hysteresis	% R.O.		≤0.015	≤0.025	≤0.03
Combined Error	% R.O.		≤0.015	≤0.025	≤0.03
Repeatability	% R.O.		≤0.015	≤0.01	≤0.01
Creep for 30min.	% R.O.		≤0.015	≤0.017	≤0.03
Return for 30min.	% R.O.		≤0.015	≤0.017	≤0.03
Resolution	-		≤1/6000	≤1/4000	≤1/3000
Division	mV / V		0.00033	0.0005	0.00067
Temperature Effect on	-Zero Value	%/10°C	0.011	0.014	0.03
	-Output Value	%/10°C	0.008	0.011	0.03
Excitation	-Recommended	V	10		
	-Maximum	V	15		
Resistance	-Input	Ω	420 ± 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	-		Ø4x 4P x 1.5m (PVC)		
Safety Overload	% R.L.		150		
Platform Size	mm		300 x 300		

## 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 (10~50kgf)

