

BCLSSingle Point
Load Cell (10~50kgf)

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

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			

Dimensions

- ▶ BCLS (10~50kgf)

