

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 -Output Value	%/10°C %/10°C	0.011 0.008	0.014 0.011
Excitation	-Recommended -Maximum	V V	10 15	
Resistance	-Input -Output -Insulation	Ω Ω MΩ	420 ± 20 350 ± 3.5 > 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)

