

LSB | Disk Load Cell



Description

LSB is a disk type load cell of steel material. It is suitable for Hopper, Tank, Silo Scale

Specifications

Capacity(R.L.)	tf	10, 20, 30	
Rated Output	mV / V	4.0 ± 0.01	
Zero Balance	mV / V	0.0 ± 0.04	
Accuracy Class	-	-	
Non-Linearity	% R.O.	≤ 0.03	
Hysteresis	% R.O.	≤ 0.03	
Combined Error	% R.O.	≤ 0.03	
Repeatability	% R.O.	≤ 0.02	
Creep for 30min.	% R.O.	≤ 0.03	
Return for 30min.	% R.O.	≤ 0.03	
Resolution	-	≤ 1/3000	
Division	mV / V	0.0013	
Temperature Effect on	-Zero Value	%/10°C	≤ 0.03
	-Output Value	%/10°C	≤ 0.03
Excitation	-Recommended	V	10
	-Maximum	V	15
Resistance	-Input	Ω	420 ± 30
	-Output	Ω	350 ± 3.5
	-Insulation	MΩ	> 2000
Compensated Temperature Range	°C	-10 to +40	
Operating Temperature Range	°C	-30 to +80	
Material & Plate	-	Steel	
Cable Specification	-	Ø5.4 x 4P x 10m (Urethane)	
Safety Overload	% R.L.	150	

Features

- ▶ Compression type
- ▶ high output
- ▶ Ball type accessory integral structure
- ▶ Designed according to IP66

Application

- ▶ Hopper, tank, silo scale
- ▶ Tensile / Compression Tester

Dimensions

- ▶ LSB

