

# LSOC2 | Disk Load Cell



## Description

LSOC2 is a Low Profile Disk type load cell of steel material. A hollow type of compression type load cell in an enclosed structure is suitable for a specifically-equipped vehicle and cargo truck bracket load measurement system that requires safety. A built-in safety device structure against overload ensures safety.

## Specifications

Capacity(R.L.)	tf	5	
Rated Output	mV / V	1.0 ± 0.1	
Zero Balance	mV / V	0.0 ± 0.01	
Accuracy Class	-	-	
Non-Linearity	% R.O.	≤ 0.2	
Hysteresis	% R.O.	≤ 0.1	
Combined Error	% R.O.	≤ 0.1	
Repeatability	% R.O.	≤ 0.1	
Creep for 30min.	% R.O.	≤ 0.01	
Return for 30min.	% R.O.	≤ 0.01	
Resolution	-	≤ 1/500	
Division	mV / V	0.004	
Temperature Effect on	-Zero Value -Output Value	%/10°C %/10°C	≤ 0.05 ≤ 0.05
Excitation	-Recommended -Maximum	V V	10 15
Resistance	-Input -Output -Insulation	Ω Ω MΩ	410 ± 20 350 ± 3.5 > 2000
Compensated Temperature Range	°C		-10 to +40
Operating Temperature Range	°C		-30 to +80
Material & Plate	-		Steel / Electroless Nickel Plating
Cable Specification	-		Ø5.4 X 4P X 1.2m (Urethane)
Safety Overload	% R.L.		150

## Features

- ▶ Compression application
- ▶ Designed according to IP66

## Application

- ▶ Safety of the specifically-equipped vehicle
- ▶ A Cargo bracket

## Dimensions

### ▶ LSOC2

