

LSW | Disk Load Cell



Description

LSW is a low profile disk type load cell of steel material. It is suitable for compression tester and load control system

Specifications

Capacity(R.L.)		tf	1, 2, 3, 5
Rated Output	mV / V		1.0 ± 0.05
Zero Balance	mV / V		0.0 ± 0.015
Accuracy Class	-		-
Non-Linearity	% R.O.		≤0.05
Hysteresis	% R.O.		≤0.05
Combined Error	% R.O.		≤0.05
Repeatability	% R.O.		≤0.02
Creep for 30min.	% R.O.		≤0.03
Return for 30min.	% R.O.		≤0.03
Resolution	-		≤1/2000
Division	mV / V		0.0005
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	350 ± 3.5 350 ± 3.5 > 2000
Compensated Temperature Range	°C		-10 to +40
Operating Temperature Range	°C		-30 to +80
Material & Plate	-		Steel / Coating
Cable Specification	-		Ø5.4 X 4P X 10m (10m) (PVC)
Safety Overload	% R.L.		150

Features

- ▶ Tensile / Compression Type
- ▶ hollow type
- ▶ Hermetically sealed structure
- ▶ Designed according to IP67

Application

- ▶ Compression Tester

Dimensions

▶ LSW

