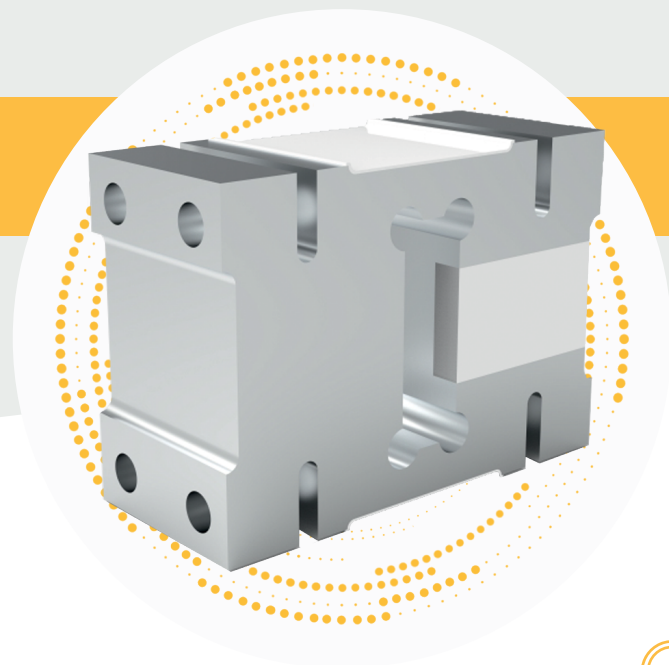


SL101 | Single Point Load Cell



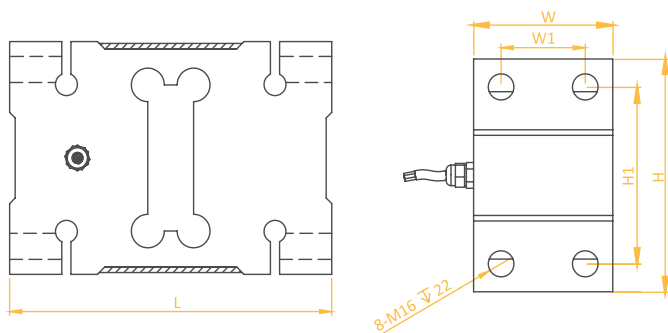
Product Description

The SL101 Single Point Load Cell is manufactured from a special alloy aluminum material. Its anodized coating provides extra protection against harsh environmental conditions. This load cell, which can be used independently in platform scale applications, stands out with its high precision and wide capacity range.

Technical Specifications

Capacity	50, 100, 150, 200, 250, 500, 750, 1000, 2000 kg	Insulation Resistance	≤ 5000 MΩ (100 VDC)
Accuracy Class	C3	Compensated Operating Temperature	-10 ~ +40 °C
Min. Load	0 kg	Operating Temperature	-30 ~ +70 °C
Max. Division Count (nLC)	3000	Recommended Excitation Voltage	10 VDC
Min. Measuring Range (Y=E _{max} / V _{min})	7000	Max. Excitation Voltage (U _{max})	15 VDC
Total Error	±0.02 %FS	Overload Capacity	120 %FS
Output Gain (FS)	2.00 ± 0.01mV/V	Breaking Load	200 %FS
Zero Balance	±1 %FS	Protection Class	IP 65
Input Resistance	400 Ω ± 20 Ω	Material	Aluminum
Output Resistance	352 Ω ± 3 Ω	Cable	4x0.14 mm ² – 3.5 Meters

Technical Dimensions and Drawings



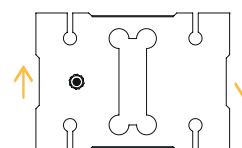
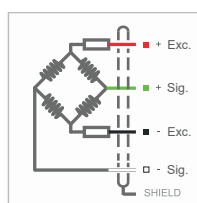
CAPACITY	L	H	H1	W	W1	M
50, 200 KG	156	75	50	44	24	M12
250, 750 KG	146	95	70	60	36	M12
1000, 2000 KG	176	125	95	76	46	M16

PLATFORM DIMENSIONS

50, 200 KG	600 X 600 MM
250, 750 KG	600 X 800 MM
1000, 2000 KG	1200 X 1200 MM

Application Areas

Large Platform Scales
Belt Scales



LPTSENS
Load Cell and Industrial Weighing Systems