

Economical Moment Compensated Load Cell

Model: ESP4

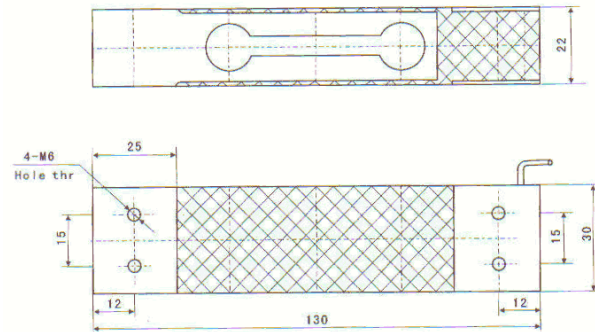
Ranges from 5KG to 50KG

The LCC-ESP4 load cell is designed for electronic bench and platform scales, medical scales, and any application where a low profile load cell design is a must.

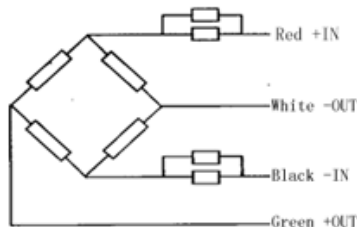
Low in cost and suitable for a wide variety of OEM and force measurement applications, the LCC-ESP4 load cell is readily available in large or small quantities. The strain gauge area and electronic parts are coated and sealed to provide an IP65 protection class rating.



Capacities: 5, 6, 8, 10, 15, 20, 30, 35, 40, 50KG



ELECTRICAL CONNECTION:



Max. Recommended platform: 10" x14" (250x350mm)

Combined Error:	0.02% FS	Zero Balance:	2.0% FS
Rated Output:	2.0 +/- 0.1 mV/V	Temp. Effect on Output:	0.017% FS/10C
Non-Linearity:	0.02% FS	Temp. Effect on Zero:	0.02% FS/10C
Hysteresis:	0.02% FS	Compensated Temp.:	-10 to 40C
Non-Repeatability:	0.01% FS	Operating Temp.:	-20 to 65C
Creep (%FS/30min.)	0.015	Recommended Excitation:	10VDC
Input Resistance:	410 +/-10 Ohms	Safe Overload:	150% FS
Output Resistance:	350 +/- 3 Ohms	Ultimate Overload:	200% FS
Insulation Resistance MOhm:	=5,000 (50Vdc)	Cable Length:	15"