

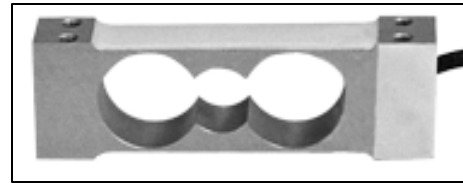
# Load Cell Central

1-800-LOADCEL

## Economical Moment Compensated Load Cell

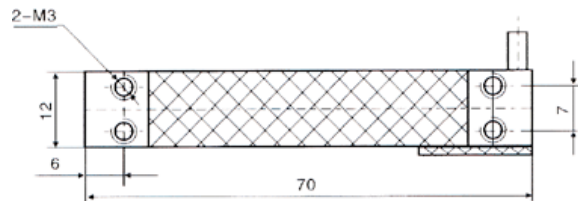
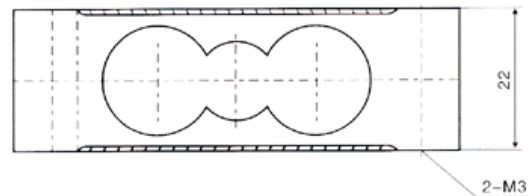
**Model: ESP4**

Ranges from 600 to 3,000 grams



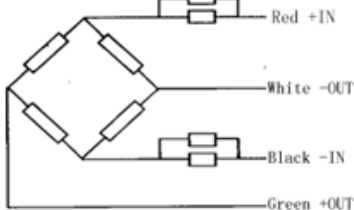
**Capacities: 0.6, 1, 3 KG**

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.



*Max. Recommended platform: 8"x8" (200x200mm)*

ELECTRICAL CONNECTION:



### Specifications:

<b>Combined Error:</b>	0.02% FS	<b>Zero Balance:</b>	2.0% FS
<b>Rated Output:</b>	1.0 +/- 0.1 mV/V	<b>Temp. Effect on Output:</b>	0.03% FS/10 C
<b>Non-Linearity:</b>	0.02% FS	<b>Temp. Effect on Zero:</b>	0.03% FS/10 C
<b>Hysteresis:</b>	0.02% FS	<b>Compensated Temp.:</b>	-10 to 40 C
<b>Non-Repeatability:</b>	0.01% FS	<b>Operating Temp.:</b>	-20 to 65 C
<b>Creep (%FS/30min.)</b>	0.02	<b>Recommended Excitation:</b>	10Vdc
<b>Input Resistance:</b>	395 +/-10 Ohms	<b>Safe Overload:</b>	150% FS
<b>Output Resistance:</b>	350 +/- 3 Ohms	<b>Ultimate Overload:</b>	200% FS
<b>Insulation Resistance MO:</b>	=5,000 (50Vdc)	<b>Cable Length:</b>	17"

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