

The load cell simulator can be used to calibrate measuring amplifiers and scale indicators.



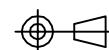
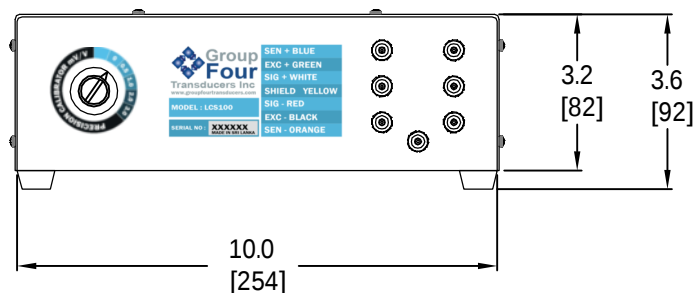
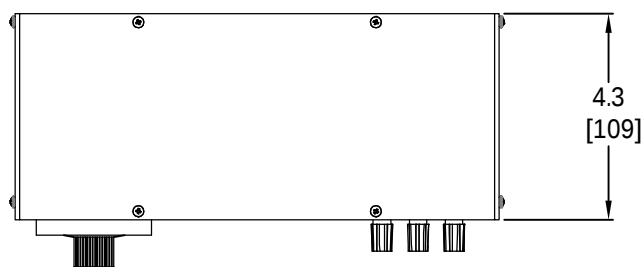
FEATURES

- Suitable for simulating output signals of strain gage full bridge transducers.
- Calibration steps available from 0.0 to 3 mV/V.

APPLICATIONS

- Calibration of strain gage amplifiers and weighing instrumentation.

OUTLINE DIMENSIONS



load cell simulator

LCS-100



WIRING

SEN+	BLUE
EXC+	GREEN
SIG+	WHITE
SHIELD	YELLOW
SIG-	RED
EXC-	BLACK
SEN-	ORANGE

SPECIFICATIONS

Calibration Steps	mV/V	0.0/ 0.5/ 1.0/ 2.0/ 3.0
Error (15°C -25°C)	%RO	≤±0.02
Zero Balance	mV/V	±0.001
Temperature Effect		
Output	%FS/10°C	≤±0.03
Zero	%FS/10°C	≤±0.03
Temperature / Humidity Range		
Operating Temperature	°C	0.... +40
Humidity	%R.H.	85(Non Condensing)
Terminal Resistance		
Input Resistance	Ω	1000±5
Output Resistance	Ω	1000±5
Excitation Voltage	VDC	12

Dimensions and specifications subject to change without notice