LC210

LOAD CELL CONVERTER



Specifications

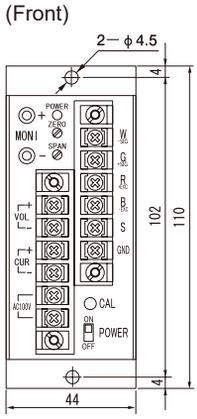
Excitation voltage	10 V DC ±5% Output current: within 30 mA
Zero adjustment range	±0.25 mV/V 20 turn trimmer potentiometer Expandable by external resistance connection if the above range is exceeded.
Gain adjustment range	1 mV/V to 5 mV/V (gain: 1000 times) Maximum gain allows 1 mV/V input to be 10 V output. 20 turn trimmer potentiometer
Accuracy	Non-linearity within 0.02% FS Zero drift within 0.01%/°C RTI (at 1 mV/V input) Gain drift within 0.01%/°C
Output signal	Voltage output: 0 to ±10 V Load r-esistance: 1 kΩ or more, Output resistance: 0.1 Ω or less
Low-pass filter	Low-pass filter (-6 dB/oct) 2 Hz / -3 dB
Calibration value	1 mV/V ±0.2%
Power supply voltage	100 V AC ±10%, 50/60 Hz
Power consumption	Approx. 5 VA
Operating conditions	Working temperature range: -10 to +60°C Humidity: 85% RH or less (non-condensing)
External dimensions	44 (W) x 110 (H) x 110 (D) [mm] (protruding parts not included)
Weight	600 g
Accessories	AC input cord . . . 1, Spare fuse(0.5 A). . . 1, Mini-driver. . . 1, Crimping terminal . . . 11, Operation Manual . . . 1

- Basic type
- Compact size: 44 mm (W) x 110 mm (H) x 110 mm (D)
- Simple design for a wide variety of applications and instrumentations.
- Built-in excitation voltage

External dimension

Unit : mm

(Front)



(Side)

