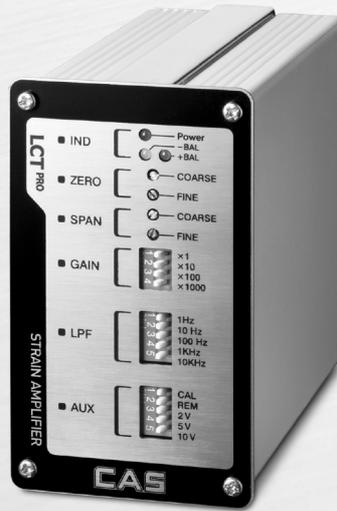


LCT PRO | Strain Amplifier



Features

- ▶ Available for All bridge sensors (1/4,1/2,Full Bridge)
- ▶ Gain adjustment range from 1 to 11,000
- ▶ Bridge Shunt Calibration (Amp Calibration)
- ▶ built-in Low-pass filter for signal conditioning
- ▶ Wide frequency response (10KHz, -0.5dB)
- ▶ Selectable excitation voltage (DC 2 V, 5V, 10V)
- ▶ Excitation remote sense installed
- ▶ Various output signal type
- ▶ Digital Output (RS-232C), Current Output, (0~40mA), Voltage Output (0~ ± 10V)

Option

- ▶ Current Output, Digital Output (RS-232C), Bridge Module

Specifications

LCT PRO	Voltage Output	Current Output (Option)	Digital Output (Option)	Bridge Module (Option)
Input	Full Bridge Transducer			
Output	0~±10V	0~40mA	0 ~ ±10V, RS232C	
Power	DC18~24V			
Gain	x1, x10, x100, x1000, x1 ~ x11 (Fine Volume) (Load Cell 0.1mV/V~100mV/V)			
Filter	Low-pass filter 1Hz,10Hz,100Hz,1KHz, 10KHz selectable			
Input Impedance	≤10 ¹⁰ Ω			
1010ΩExcitation voltage2V	2V,5V,10V selectable (Remote Sense)			
Zero Balance	±100% (R.O)			- Strain gauge 1/4, 1/2, full(50Ω ~ 1KΩ)
Span Balance	±10% (R.O)			- Transducers Strain gauge Sensor Pressure sensor
Linearity	±0.01% (F.S)			Resistive displacement sensor Dc/dt displacement sensor
Accuracy	±0.01% (F.S)			Various displacement transducers
Operating Temp	-25 ~ 85°C, 85%			
Mea. Impedance	1.7 KΩ <	0 ~ 500Ω	3 ~ 7KΩ	
RS-232C			9600bps, Stream Mode 16bit, 8Hz sampling Rate	
Product Size (W x D x H)	64 x 123.5 x 110mm			
Panel Cutting Size(WxH)	60 x 104mm			
Product Weight	0.6kg			