

# LY52

## Multifunction display with RS-232C interface

- Compact design. Suitable for panel-mounting.
- Selectable display resolution
- Reset/preset/recall
- Peak hold function for measuring max./min./peak-to-peak values.
- ADD/SUB function
- RS-232C interface
- Zero point detection
- Data storage
- Linear error compensation
- Various controls and data analyses by PLCs and computers
- Inch/metric display



## Specifications

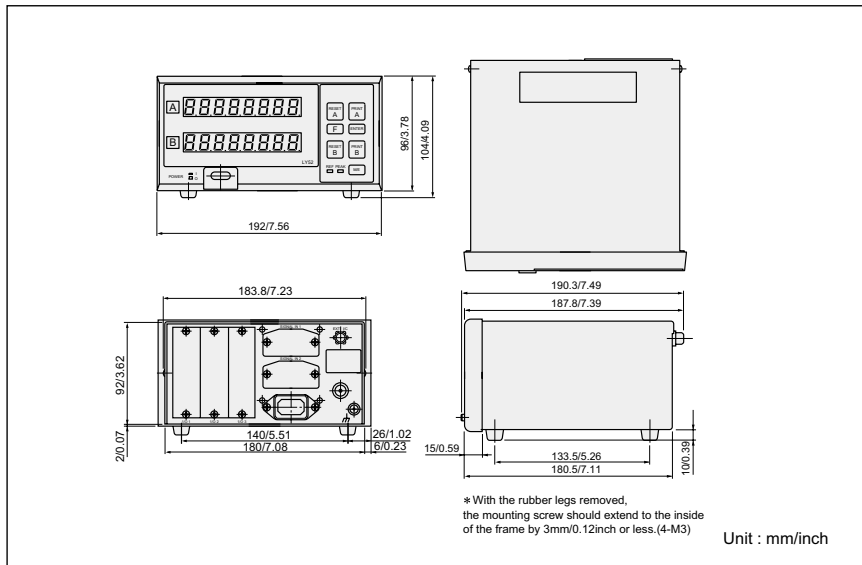
Model	LY52	
No. of connectable axes	2	
No. of display axes	2	
Display	7 digits, LED display (leading zero suppress, floating minus sign)	
Display resolution	Varies with the transducer (0.1 μm with DE-B gauge)	
Max. response speed	Varies with the transducer	
Reset/Preset/Recall	By key operations or external input	
Peak hold function	Max./min./peak-to-peak values	
ADD/SUB	A + B, A - B, B - A	
Linear error compensation	When table moves a certain distance, a unit of compensation value is added or subtracted for linear compensation	
Zero point detection	Used with a transducer having a zero point, LY52 detects the zero point	
Data latch	Output latch and display latch	
Data storage	Preset value and the value that was displayed before power-off are stored in non-volatile memory	
Alarm display	1. Power interrupt 2. Max. response speed exceeded 3. Error in stored data 4. Transducer disconnected	
RS-232C output	Transfer rate	600, 1200, 2400, 4800, 9600, 19200 bps
	Stop bit	1 or 2 bits
	Parity	Odd, even, no parity
	Data length	7 or 8 bits
	Data output	Signed 7-digit data with or without header
	Print key	Data output by key operation
	Multi axis connection	2 to 4 axes can be connected
Data processing speed	20 data/s (at 9600 bps)	
Operating temperature	0 °C to 40 °C / 32 °F to 104 °F (No condensation ; see note 1)	
Storage temperature	-20 °C to 60 °C / -4 °F to 140 °F	
Power supply	100 V AC to 230 V AC ± 10%	
Power consumption	30 VA	
Mass	Approx. 2 kg/ 4.41 lbs	

Note 1 : Guaranteed ranges under the applicable safety standard are 0 to 31 °C (80%RH), 31 °C (80%RH) to 40 °C (50%RH).

\*LY52's circuit ground is insulated from its chassis but like insulation is not provided for some gauge or scale units connected with LY52.

Care must be used when connecting a positiveground circuit.

## Dimensions



## Mounting window

