

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 μ m 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
Daisy-chain		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 \pm 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).

Dimensions

