



# LP100 - Linear Potentiometer Readout



The LP100 Linear Potentiometer Readout features a durable and compact design.



The RST LP100 Readout Instrument is a dedicated intelligent measuring system specially designed for reading, displaying, and logging linear potentiometers. Unprecedented accuracy, flexible memory options and ease of use make the LP100 Potentiometer Readout invaluable for projects requiring monitoring of linear potentiometers.

It's lightweight, yet extremely rugged design is perfectly suited for harsh environmental conditions often encountered in the field. The LP100 is extremely easy to use with a USB interface for downloading data. The LP100 Readout has the ability to be either pre-configured in the office (through host software), or taken directly to the field. If taken directly to the field, each location will be assigned a generic name which is editable once back in the office and connected to a host computer.

The LP100 is also designed for maximum efficiency with the user in mind. In addition to the simple power requirements of only 3 "AA" batteries, the LP100 comes well-equipped with standard features such as a large graphics display with backlight. Standard AA alkaline batteries are field replaceable, negating the need to return the readout to the factory for battery replacement. The use of standard AA batteries eliminates the need for a charger.

## specs

DESCRIPTION	SPECIFICATION
Resolution	0.00015%
Display	Graphic 128 x 64 pixels large character display
Display Backlight	High efficiency LCD with auto off
Max Instrument Locations	254
Memory Capacity	10,900 custom labelled points
Location Identification String	Up to 20 characters
Download Speed	15 seconds (full memory)
Battery	3 "AA" alkaline
Battery Indicator	On-screen, low battery indicator
Operating Temperature	-20°C to 60°C
Dimensions	W 22 cm x D 19 cm x H 9.5 cm (8.75 x 7.5 x 3.75in.)
Weight	1.1 kg (2.4 lbs)

## ordering info

ITEM	PART #
LP100 Linear Potentiometer Readout	ELLP100

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## applications

Reads, displays, and logs linear potentiometers.

## features

Durable, compact design for excellent portability and field use.

Large graphics display with a convenient backlight.

Readings in percent or engineering units.

Field-replaceable "AA" alkaline batteries eliminate the need for a large, bulky 12 V battery and a charger.

Stores up to 254 instrument locations per route, each with a text label, calibration constants, previous data, and up to 10,900 time/date stamped data points.

Data transfer to a host computer via USB in a compatible file format for Microsoft Excel® and other spreadsheets. User friendly host software for Microsoft Windows® included.