



IR420 - 4-20 mA Transmitter Readout



The IR420 reads, displays, logs and powers 4-20 mA transmitters.

Unprecedented accuracy, flexible memory options and ease of use make the IR420 4-20 mA Transmitter Readout invaluable for projects requiring monitoring of 4-20 mA transmitters. Maximum download time is only 15 seconds.

Complementing its high level of accuracy, the IR420 is also designed for maximum efficiency with the user in mind. In addition to the simple power requirements of only 3 "AA" batteries, the IR420 comes well-equipped with standard features such as a large graphics display with backlight.

specs

DESCRIPTION	SPECIFICATION
Excitation Range	12 Vdc
Resolution	0.001 mA
Accuracy	±0.02% F.S.
Display	Graphic 128 x 64 pixels large character display
Display Backlight	High efficiency LCD with auto off
Max Instrument Locations	254
Memory Capacity	11,400 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 #
IR420 4-20 mA Transmitter Readout	ELIR420

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applications

Reads, displays, logs and powers 4-20 mA transmitters.

features

Durable, compact design for excellent portability and field use.

Large graphics display with a convenient backlight.

Readings in raw 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 11,400 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.