NEW

E INSTRUMENTS

SignalCal 5 Loop Calibrator

Compact - Handheld Design

Design to meet your test & calibration needs in the field or laboratory

Measure & Simulate: DC Voltage and Current Readings

- Accuracy: ±0.05% rdg.
- Capability to Provide Loop Supply (24V) for Transmitter
- 6 digit LCD Display
- Automatic Calibration
- User selectable auto power-off
- Measure DC Voltage up to 28V
- Measure DC Current up to 20mA
  Output DC Current up to 20mA
- Output: Analogue transducer -20mA
- Calibration Certification Included

- Accurate
- Easy to use
- Efficent
- Fast
- Handheld
- Light Weight
- Rugged
- Sturdy

E Instruments International **www.E-Inst.com**

P:215-750-1212 F:215-750-1399 A: 172 Middletown Blvd, Ste B201 Langhorne, PA 19047

NEW

E INSTRUMENTS

SignalCal 5 Loop Calibrator

SignalCal 5 Loop Calibrator

The **SignalCal 5 Loop Calibrator** is a compact hand-held calibrator that can Measure & Simulate DC Voltage, DC Current readings, & provides Loop Supply (24V) for transmitters.

Accuracy:
± 0.05%

Provide Loop Supply (24V) for Transmitter

Measure Loop Current:
up to 20mA

Applications
This SignalCal 5 (Loop) calibrator is designed to meet your test and calibration needs in the field or laboratory.

Measure Voltage:
up to 28V

Measure mA: up to 20mA
Output mA: up to 20mA

Analogue Transducer:
Range: -20mA

SignalCal 5 Loop Calibrator Specifications

Part Number — ***Ordering Information***

SC5L-1 SignalCal 5 Loop Calibrator with Calibration Certificate, Holster, & Batteries

Measuring Functions

INPUT	RANGE	INPUT RANGE	RESOLUTION	ACCURACY	REMARK
Voltage	28V	-0.200 ~28.000V	1mV	±0.02% reading ±2mV	Input impedance 2MΩ
Current	20mA	-1.000~22.000mA	0.001mA	±0.02% reading ±4uA	Input impedance 20MΩ
Loop current	20mA	0.000~22.000mA	0.001mA	±0.02% reading ±4uA	Supply 24V loop power

Output Functions

OUTPUT	RANGE	OUTPUT RANGE	RESOLUTION	ACCURACY	REMARK
Current	20mA	0.000~22.000mA	0.001mA	±0.05% Setting value ±4uA	20mA,the max.overload is 1kΩ
Analogue transducer	-20mA	0.000~-22.000mA	0.001mA	±0.05% Setting value ±4uA	20mA,the max.overload is 1kΩ
Loop power	24V			±10%	Max.output current 25mA

*** Specifications subject to change ***

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