

Loop Calibrator

Portable/Handheld

Nagman 05+

Capability to Measure & Simulate Voltage & Current Readings

Typical Photo.
Final Product Look.
May Vary



SALIENT FEATURES

Compact, Light Weight Unit with Holster

Capability to provide Loop Supply (24V) for Transmitters

Basic Accuracy : $\pm 0.05\%$ Reading

SPECIFICATIONS

INPUT FUNCTIONS (Measurement)

Input	Range	Input Range	Resolution	Accuracy	Remarks
Voltage	28 V	-0.2 to 28 V	1 mV	$\pm 0.02\%$ reading ± 2 mV	Input Resistance about $1M\Omega$
Current	20 mA	-1 to 22 mA	0.001 mA	$\pm 0.02\%$ reading ± 4 μ A	Input Resistance about 20Ω
Loop Current	20 mA	0 to 22 mA	0.001 mA	$\pm 0.02\%$ reading ± 4 μ A	Providing Supply 24V Loop Power

OUTPUT FUNCTIONS (Simulation)

Output	Range	Output Range	Resolution	Accuracy	Remarks
Current (DC)	20 mA	0 to 22 mA	0.001 mA	$\pm 0.05\%$ set value ± 4 μ A	Maximum overload is 1 k Ω at 20 mA
Simulator Transmitter	-20 mA	0 to -22 mA	0.001 mA	$\pm 0.05\%$ set value ± 4 μ A	Maximum overload is 1 k Ω at 20 mA
Loop Power	24 V	---	---	$\pm 10\%$	Maximum output current upto 25 mA

STANDARD INCLUSIONS

- Process Meter – Model : Nagman 05+
- 1.5V 'AA' Alkaline Batteries (2 Nos.)
- Operation Manual
- Test Leads
- Traceable Calibration Certificate

OPTIONAL (ADD-ON) ITEMS

- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards

Manufactured by



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