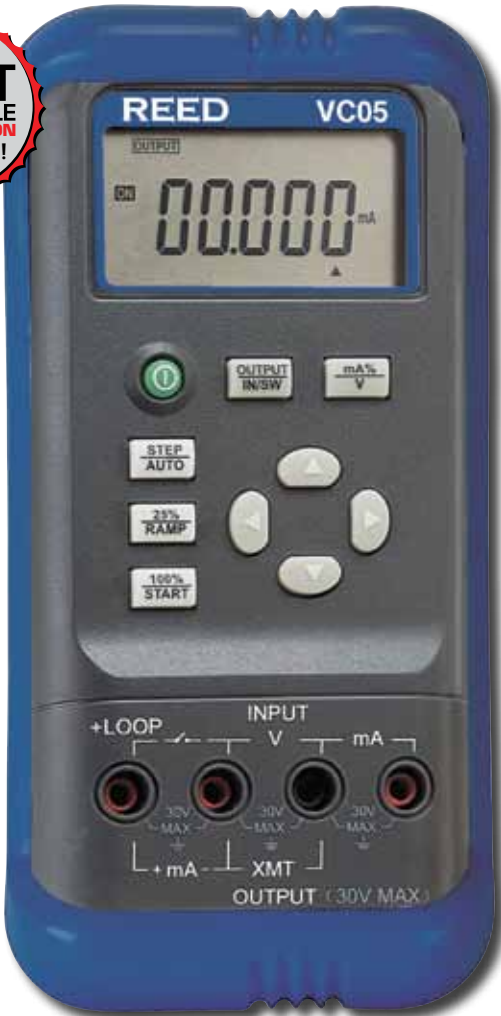


## LOOP CALIBRATOR

## TECHNICAL DATA



### FEATURES

- mA sourcing, simulation and measurement
- 0-28 VDC measurement to check loop voltage
- 0.02% accuracy and 0.001% of span display
- Simulate mA and % of span display
- Selectable step or ramp outputs
- 24V loop power supply
- Includes test leads, alligator clips, protective holster, soft carrying case, and battery

### SPECIFICATIONS

#### MEASUREMENT FUNCTION

DC Voltage Range: 28V

Output Range: -0.200 to 28.000V

Resolution: 1mV

Accuracy:  $\pm 0.02\%$  reading  $\pm 2\text{mV}$

DC Current Range: 20mA

Output Range: -1.000 to 22.000mA

Resolution: 0.001mA

Accuracy:  $\pm 0.02\%$  reading  $+ 4\mu\text{A}$

Loop Current Range: 20mA

Output Range: 0.000 to 22.000mA

Resolution: 0.001mA

Accuracy:  $\pm 0.02\%$  reading  $+ 4\mu\text{A}$

#### OUTPUT FUNCTION

Current Range: 20mA

Output Range: 0.000 to 22.000mA

Resolution: 0.001mA

Accuracy:  $\pm 0.05\%$  setting  $+ 4\mu\text{A}$

Analog Transducer: -20mA

Output Range: 0.000 to -22.000mA

Resolution: 0.001mA

Accuracy:  $\pm 0.05\%$  setting  $+ 4\mu\text{A}$

Loop Power: 24V

Accuracy:  $\pm 10\%$

Power Supply: Single 9V alkaline battery

Battery Life: Approx. 20 hours

Dimensions: 200 x 100 x 40mm w/ holster

Weight: 550g w/ holster

### ORDERING INFORMATION

VC05.....Loop Calibrator

CERTICA3 .....NIST Calibration Certificate

VC05-NIST .....Loop Calibrator & NIST