

LOOP CALIBRATOR

TECHNICAL DATA



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: 20m A

Output Range: -1.000 to 22.000m A

Resolution: 0.001m A

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

Loop Current Range: 20m A

Output Range: 0.000 to 22.000m A

Resolution: 0.001m A

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

OUTPUT FUNCTION

Current Range: 20m A

Output Range: 0.000 to 22.000m A

Resolution: 0.001m A

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

Analog Transducer: -20m A

Output Range: 0.000 to -22.000m A

Resolution: 0.001m A

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

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, carrying case and battery

ORDERING INFORMATION

VC05 Loop Calibrator
 CERTICA3 Accredited Calibration Certificate