

Features

- **High accuracy and reliability**
- **Robust and hard-wearing**
- **Supplied complete with UKAS certificate**

- The Minical® IV is a high accuracy hand-held DC Current and Voltage Calibrator designed for the calibration of process control instrumentation including transmitters, transducers, recorders, controllers and indicators.

- The Minical® IV will calibrate from micro-volt and micro-amp levels to over 100mV/50mA in both read and generate modes, with the added ability to generate up to 12V DC and to read up to 20V DC. The Minical® IV also acts as a 4-20mA Transmitter Simulator, which will operate in powered or unpowered loops.

- Data entry is via a membrane keypad system with fast and slow increment/decrement keys providing rapid and precise output value settings. The membrane keypad is scratch resistant, splashproof and free of potentiometers and switches.



MINICAL™ IV

DC CURRENT AND
VOLTAGE CALIBRATOR



Haven Automation Limited

Calibration Solutions for Industry

MINICAL™ IV

DC CURRENT AND VOLTAGE CALIBRATOR



Specifications

Accuracy	+/-0.025% F.S.D.
Resolution	+/- 1 digit
Maximum Ambient Operating Temperature	40°C
Voltage Measurement	
mV range	0-199.99mV
V range	0-19.999V
Current Measurement	0-199.99mA
Voltage Generation	
mV range	0-199.99mV
V range	0-11.999V
Current Generation	0-50mA
Voltage Input Impedance	> 1MΩ
Current Input Impedance	< 11Ω
Maximum Input Voltage	+/- 60V DC
Maximum Input Current	+/- 300mA
Maximum Voltage across Current Generator	+200V
24V DC Supply	50mA max
Estimated battery life	
No load	25 hours
With 50mA load using The internal 24V supply	7.5 hours
LED Display	4½ digit display
Dimensions with Case	140mm x 115mm x 245mm
Weight with Case	1.5Kg

Accessories

Carry case, test leads, charger unit, instruction manual and UKAS Calibration Certificate issued by Haven Automation Ltd.

Laboratory No. 0295



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