MARTINDALE ELECTRIC

TEK 300 direct current calibrator



SPECIFICATION

Supply: 2 x 9V alkaline batteries, MN1604 or equivalent (included)
DC/DC Converter Output: 28.5V (+0.1V).
Current Range: 0 - 20mA F.S. (+0.1%).
Resolution: 10µA.
Temperature Drift: 150ppm.°C.
Linearity: +0.15%.
Output Noise (typically): 4mV p/p.
Indicators: LED (green) - battery OK
LED (red) - output error.
Display: 3½ digit LCD.
Output Connectors: 4mm terminal posts (19.05mm apart).
Operating Temperature: 0 - 50°C.
Case: Light grey ABS hand held, supplied with stand.
Dimensions: 180 x 100 x 44mm.
Weight: 380g.
Fuse: 50 MA

The Martindale TEK300 current calibrator is able to sink or source a current up to 20mA. It is intended for process control instrumentation and general purpose signal injection applications.

A monitor mode facility is also incorporated into the design, whereby the current (0-20mA) in the process loop can be monitored and read directly from the digital display. The device is also fully protected against inadvertent misuse.

This low cost unit offers an exceptional value for money means of delivering and measuring 0 - 20mA currents. This makes it ideal for cost effective application in testing, calibrating and troubleshooting in a wide range of process control environments.

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