

Min Operating Voltage	9 VDC
Max Operating Voltage	30 VDC
Max Tip Voltage	450 Volts
Probe Tip Resistance to Ground	350K Ohms
Computer Safe	0.1mA floating tip
Voltage Measurement	-100 to 200 VDC / VAC
Voltage Resolution	-99.99 to 99.9 V – 0.01V(10mV)
Glitch Capture	>380µS Min Pulse Width
Power Feed Test	< 30 mA
Resistance Measurement	0.01 Ohms to 10K Ohms
Frequency Measurement	1Hz to 9999Hz
Fuel Injector Mode	LED Flash @ Min 35V @ 100µS Pulse
Red LED Response	Within 0.5V BATT V in Voltmeter Mode and >10 Ohms in Power TFeed est Mode
Green LED Response	< 10 Ohms in both Power Feed Test Mode and Voltmeter Mode and <.5V in Voltmeter Mode
Circuit Breaker	8 Amp Thermal – Auto Reset
Breaker Trip Response	8 Amps = No Trip 10 Amps = 20 min. 15 Amps = 6 sec. 25 Amps = 2 sec. Short Circuit = 0.3 sec.

Operating Temperature	-20°C (-4°F) to 50°C (122°F)
Storage Temperature	-40°C (-40°F) to 65°C (149°F)
Storage Humidity	5% to 95% RH with 33C max dew point. (Non-condensing)
Operating Humidity	10% - 80% RH with 29C max dew point (Non-condensing)
Altitude Operating	3048M Max
Altitude Storage	12000M Max
Indoor/Outdoor Usage	IP54 dust and water resistant