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General Specifications	
Probe and Cable Material	TPE rubber, reinforced insulation UL94 V-0, Colour: RED Munsell 7.5 R 1/14
Couplings Material	Polypropylene, UL94 V-0
Probe Cable Length	610 mm
Probe Cable Diameter	12.4 mm
Probe Cable Bend Radius	40 mm
Output cable length	2.5 meters RG58
Output Connector	Safety BNC Connector
Operating Range	-20 to +90°C
Storage Temperature	-40 to +105°C
Operating Humidity	15% to 85% (non condensing)
Degree of protection (Probe)	IP41

Specifications	
Current Range	3000 A AC RMS
Voltage output (@1000 ARMS, 50 Hz)	85 mV
Accuracy	± 1% of reading (@ 25°C, 50 Hz)
Linearity (10% to 100% of range)	± 0.2% of reading
Noise (10 Hz - 7 kHz)	1.0 mV ACRMS
Output impedance	82 Ω min
Load Impedance	50 kΩ
Internal Resistance per 100 mm probe length	10.5Ω ± 5%
Bandwidth (-3dB)	10 Hz to 7 kHz
Phase Error (45 - 65 Hz)	±1°
Position Sensitivity	± 2% of reading max.
Temperature Coefficient	± 0.08% max of reading per °C
Working Voltage (see Safety Standards section)	1000 V AC RMS or DC (head) 30 V max. (output)

Safety Specifications	
Safety Standards	BS EN 61010-1 2001 BS EN 61010-2-032 2002 BS EN 61010-031 2002, 1000 VRMS, Category III, Pollution Degree 2 Use of the probe on uninsulated conductors is limited to 1000 V ACRMS or DC and frequencies below 1 kHz. Please note that this probe is designed to work with Fluke 435, if used with other products safety rating for the output to earth is limited to 600V ACRMS or DC.