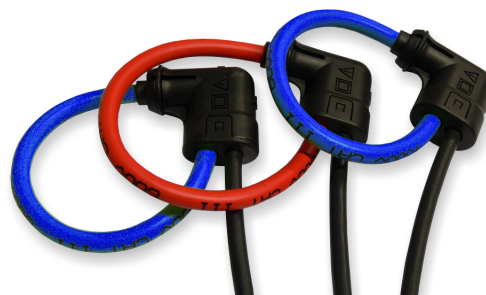
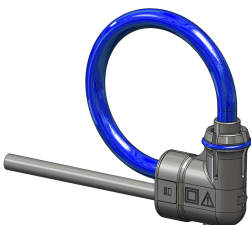
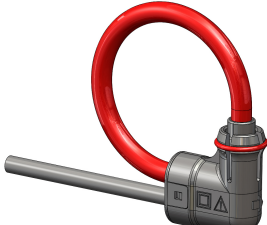


Flexible AC current Probe - U-Flex micro Series

The U-Flex is a flexible AC current probe utilising the Rogowski principle. After appropriate signal conditioning, it can be used with digital multimeters, recorders and other suitable equipment to measure current from very low frequencies up to 100kHz. The flexible and lightweight measuring head allows quick and easy installation in hard to reach areas and with large conductors.



SPECIFICATION		
MODEL	UF 3000-a	UF 3000-b
		
Output Sensitivity	16.4 mV/kA @ 50Hz	48 mV/kA @ 50Hz
Output Sensitivity Tolerance	± 9 %	
Linearity (10% to 100% of range)	± 0.2% of reading	
Internal resistance (2" / 3" / 4")	20 / 29 / 38 Ω nominal	63 / 90 / 117 Ω nominal
Frequency Range	10Hz to 100kHz (-1dB)	10Hz to 50kHz (-1dB)
Phase Error	≤ 1°	
Conductor Position Sensitivity	± 2.% of reading	
Conductor Diameter	50mm (2") / 70mm (3") / 100mm (4")	
Working Voltage	1000V AC _{RMS} or DC	
Probe Cable Diameter	6 mm	
Output Cable Length	2 m	
Operating Temperature	-20°C to 65°C	
Temp. Coefficient	± 0.05% of reading per °C	
Storage Temperature	-40°C to 75°C	
Ingress Protection	IP67 Dust and Water Resistant IEC 60529:2013	

All Accuracies Stated at: 23°C ± 1°C

Safety Standards

EN 61010-1
EN 61010-2-032

1000V RMS Measurement Category III
600V RMS Measurement Category IV
Pollution Degree 2

Dimensions

in mm

