



## Flexible AC current Probe - U-Flex Series

The U-Flex is a flexible AC current probe utilises 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 20kHz.  
The flexible and lightweight measuring head allows quick and easy installation in hard to reach areas and with large conductors.



SPECIFICATION		
MODEL	UF 3000-c	UF 3000-d
		
Output Sensitivity	103 mV/kA @ 50Hz	445 mV/kA @ 50Hz
Output Sensitivity Tolerance	± 7 %	
Linearity (10% to 100% of range)	± 0.2% of reading	
Internal resistance (2" / 3" / 4")	118 / 157 / 236 / 314Ω nominal	551 / 734 / 1100 / 1465 Ω nominal
Frequency Range	10Hz to 20kHz (-1dB)	10Hz to 5kHz (-1dB)
Phase Error	≤ 1°	
Conductor Position Sensitivity	± 2.% of reading	
Probe Length	450mm (18"), 610mm (24"), 915mm (36"), 1220mm (48")	
Working Voltage	1000V AC <sub>RMS</sub> or DC	
Probe Cable Diameter	9.9 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	IP65 Dust and Water Resistant IEC 60529:2013	

All Accuracies Stated at: 23°C ± 1°C

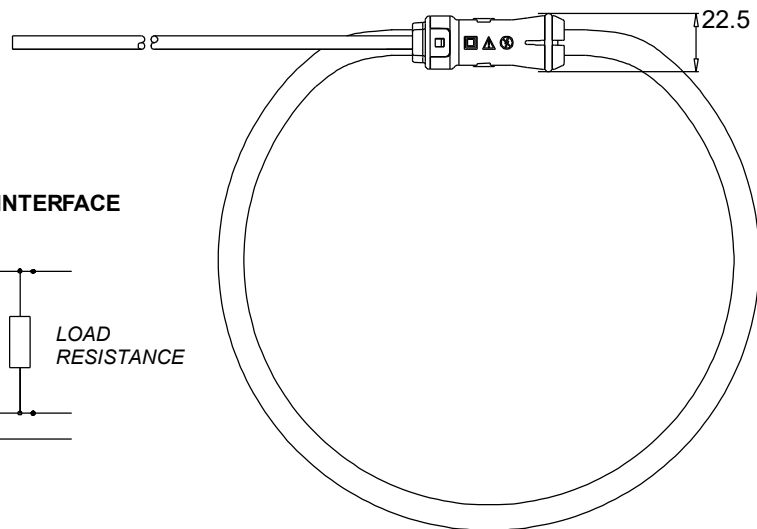
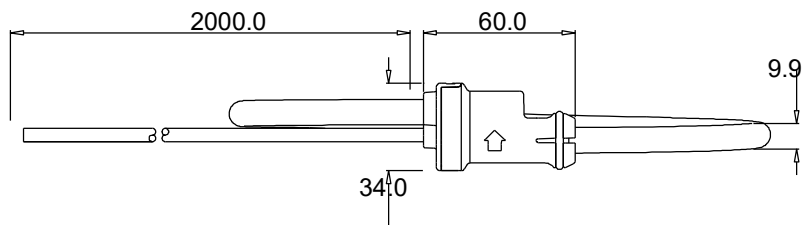
## Safety Standards

EN 61010-1  
EN 61010-2-032

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

## Dimensions

in mm



## Schematic

