



AFLEX 3060

Flexible AC Current Probe

CE CAT III 600V

Electrical Specifications:

(23°C ±3°C, 50/60Hz, conductor located at the center of the flexible loop)

Sliding Switch Position	600A AC		6000A AC	
Range	6 – 600A		60 – 6000A	
Output Select	600mV	1V	600mV	1V
Output Signal	1mV/A	1.66mV/A	0.1mV/A	0.166mV/A
Accuracy	1% of full scale		1% of full scale	
Linearity (10 to 100%)	0.2% of reading		0.2% of reading	
Position Sensitivity	2% of full scale		2% of full scale	
External Field (200 mm from the head, < 40A/m)	1% of full scale		1% of full scale	
Phase Error	< ± 1°		< ± 1°	
Temperature Coefficient (0 to 70°C)	0.02% of reading / °C		0.02% of reading / °C	

Sliding Switch Position	60A AC	
Range	6 – 60A	
Output Select	600mV	1V
Output Signal	10mV/A	16.6mV/A
Accuracy	3% of full scale	
Linearity (10 to 100%)	0.2% of reading	
Position Sensitivity	3% of full scale	
External Field (200 mm from the head, < 40A/m)	1% of full scale	
Phase Error	< ± 2°	
Temperature Coefficient (0 to 70°C)	0.02% of reading / °C	

DC offset:	< 20mVDC (600A AC range) < 100mVDC (60A AC range) < 20mVDC (6000A AC range)
Noise:	< 2mACV _{RMS}
Bandwidth (-3dB):	10 to 10 KHz
Load Impedance:	1KΩ
Battery:	2 x AA 1.5V Alkaline (2000mAHrs)
Battery Life:	300 Hours

General Specifications:

Probe Length: 3000-36	36 in / 920 mm
Minimum Bending Diameter:	35mm
Connector Diameter:	23mm
Cable Diameter:	14mm
Cable Length from Probe to Box:	1700mm
Cable Length from Box to Output:	1700mm
Dimension (Box):	130mm(L) x 80mm(W)x 43mm(H) 5.1"(L) x 3.1"(W) x 1.7"(H)
Battery Type:	two 1.5V SUM-3 (Alkaline, 2000mAHrs)
Battery Life:	300 Hours
Operating Temperature:	-10°C to 85°C
Operating Humidity:	15% to 85% RH
Altitude:	up to 2000M
Storage Temperature:	-20°C to 85°C
Storage Humidity:	15% to 85% RH
Weight:	450g (battery included)
Accessories:	Carrying case x 1 Users manual x 1 Batteries 1.5V x 2

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