

AC MONITORING

Flexible AC Current Probes



Calibrated Heads:

- Ø Single heads
- Ø Four head bundles
- Ø Interchangeability
- Ø Customised output sensitivity
- Ø Various head sizes

Flexible Probes with Integrator:

- Ø Single heads / 3 Phase systems
- Ø Battery and/or external power
- Ø PRO~flex ACP Range for OEM applications
- Ø METRAFLEX / DRANFLEX as accessories
- Ø Multimeter & Oscilloscope versions



PRO~flex Range – Key Features Flexible AC Current Probes

- Ø 2000 hours continuous battery life
- Ø External power supply option
- Ø Increased output sensitivity from Rogowski probe head giving wider dynamic range (measuring range 100 mA to 3000A / 6000A)
- Ø Superior conductor position sensitivity including coupling area
- Ø Improved external field rejection
- Ø Smaller probe diameter (9.9mm) giving easier access to confined areas
- Ø Smaller end cap diameter (13.6mm)
- Ø Range select via robust rotary switch
- Ø IP65 rating - Rogowski Probe Head
- Ø UL Approved, ROHS and WEEE Compliant
- Ø 1000V, CAT III, Pollution Degree 2

DESIGN RIGHT PROTECTED



FLEXIBLE AC CURRENT PROBES

Distribution and OEM Solutions

	PRO~flex ACP 3000	PRO~flex ACP 6000	PRO~flex ACP 3003 THREE PHASE	METRAFLEX 3000	DRANFLEX 3000XL/48	PRO~flex ACP 4000-I	PRO~flex ACP 10000
Ranges	30 / 300 / 3000 A	60 / 600 / 6000 A	30 / 300 / 3000 A	30 / 300 / 3000 A	30 / 300 / 3000 A	200 / 600 / 4000 A	500 / 2000 / 10000 A
Output	100 / 10 / 1 mV/A	100 / 10 / 1 mV/A	100 / 10 / 1 mV/A	100 / 10 / 1 mV/A	50 / 5 / 0.5 mV/A	4 ... 20 mA	0.25 mV / 1 mV/A / 0.3 mV/A
Accuracy	1% of reading	1% of reading	1% of reading	1% of reading	1% of reading	1% of reading	1% of reading
Frequency Range	10 – 20 kHz	10 – 20 kHz	10 – 20 kHz	10 – 20 kHz	10 – 10 kHz	10 – 1 kHz	10 – 50 kHz
Position Sensitivity	2% of reading	2% of reading	2% of reading	2% of reading	2% of reading	2% of reading	2% of reading
Battery life / Ext. Power	2000 h + external power	2000 h + external power	1000 h + external power	2000 h	2000 h	+24 V	2000 h + external power
Output Connection	BNC connector	BNC connector	4mm safety plugs	4mm safety plugs	Hypertronics connector	Screw Terminal	Unterminated
Head length	610mm / 24"	910mm / 36"	610mm / 24"	610mm / 24"	1220mm / 48"	450mm / 18"	910mm / 36"
Working Voltage	1000V Cat III	1000V Cat III	1000V Cat III	1000V Cat III	1000V Cat III	1000V Cat III	1000V Cat III

