

WR10000 Rogowski

High Frequency Current Transducer

AC sensing Rogowski current transducer designed for use with the PPA range Precision Power Analyzer, enabling high frequency high accuracy current measurement.



ELECTRICAL DATA

| | |
|---------------------------------|---|
| Range 1 | : 1000A AC (2 Turns) 2000A (1 Turn) |
| Range 2 | : 5kA AC (2 Turns) 10kA (1 Turn) |
| Compensated nominal accuracy* | : ±0.1% |
| Bandwidth | : 1MHz |
| Continuous over range ability | : 20% |
| Over Current withstand | : 1000% |
| Rogowski | : Yes |
| Measuring range | : 1A to 10kA |
| Frequency range | : From 1Hz up to 1MHz (-3dB @ 900kHz) |
| Output signal | : 1A = 1mV/0.2mV |
| Working voltage | : 2kV |
| Peak di/dt | : 500A/μs |
| Temperature range | : -20°C to + 70°C |
| “Opening” cable | : Circumference 600mm (1 Turn) |
| Integrator Box Dimensions (mm) | : 28 x 65 x 90 mm |
| Coil to Integrator cable length | : 2m |
| Output and power connections | : 1 x BNC per Phase |
| Colour | : Grey |
| Power supply | : N4L PPA 15-way integrated D-Type Port |
| Input Impedance | : 1MΩ |
| Phase Accuracy Information: | |
| Phase Shift at 10Hz | : + 2.0deg |
| Phase Shift at 50Hz | : + 0.5deg |
| Phase Shift at 1kHz | : - 0.5deg |
| Phase Shift at 10kHz | : - 2.0deg |



*Accuracy without compensation/system calibration 0.5%