



Power Electronic Measurements (PEM) Ltd

Wideband, flexible, clip-around, ac current probes and transducers

PCIM 2010, May 4th - 6th
Exhibition Centre Nuremberg, Germany
Hall-Stand Number 12-648

PEM will once again be exhibiting at this years PCIM in Nuremberg, stand number 12-648. We will be showcasing two important new developments for the RCT and CWT product ranges:

CWT Range – wideband, flexible, clip-around ac current probes



- current ratings from 30A to 1200kA
- standard coil lengths up to 1.0m, custom > 5m
- coils thickness from only 1.8mm
- hf (-3dB) bandwidths up to 20MHz
- insulation to 10kV peak
- and introducing our new electrostatic screened coils to **attenuate dV/dt interference**. This was the subject of our latest paper available to download from our website www.pemuk.com
“Optimising the High Frequency Bandwidth and Immunity to Interference of Rogowski Coils in Measurement Applications with a Large Local dV/dt”

RCT range-

AC current transducers for permanent installation.

- Simple to retrofit, intrinsically safe, and wide-band.
- Instantaneous voltage output 0- 5Vrms or output corresponding to the true rms of the measured current 0-5V or 4-20mA dc.
-and introducing a genuine current transformer (CT) replacement with all the benefits of Rogowski transducers and 0-1A or 0-5A industry standard output.



If your schedule or volcanic ash mean you can't get to Nuremberg for PCIM our latest technical datasheets, papers, and application notes can be found at www.pemuk.com. We are always happy to receive your enquiries, from product support to special designs that lie outside the capabilities of our standard ranges.

Best regards

Dr Chris R. Hewson, Director, PEM Ltd

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