

Alrad Electronics

Press Release

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Title: Pearson Electronics Ultra thin high precision current monitors

Alrad Electronics is pleased to announce that Pearson Electronics has recently designed several new current transformers with a thickness that is about 1/2 of the size of the in stock current transformers designed by Pearson. The thin model 8105-03 is shown below next to our in-stock model 2878. These new ultra thin current transformers allow a more compact installation resulting in lower



circuit inductance. Apertures range in size from 0.25 inches to 2.0 inches and the models have the same footprint as our in stock current transformers, except for thickness. Designs include BNC and SMA connectors depending upon the model.

These ultra thin designs incorporate Pearson's wide-band frequency response and 1% accuracy, or better, across the mid-band. The model 8105-03 has a 0.25 inch aperture, a 0.1 V/A transfer impedance with a 3 dB bandwidth from 50Hz to 40MHz. The maximum rms current rating is 6 Amperes. Peak currents up to 300 Amperes and rise times as short as 5 nanoseconds can be viewed faithfully. Contact Alrad Instruments on 01635 30345 or email: sales@alrad.co.uk for a complete listing of the ultra thin current transformers.

More information is available at the Alrad web site www.alrad.co.uk.

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