PEARSON™
CURRENT MONITOR
MODEL 4100

- Sensitivity: 1 Volt/Ampere +1/-0%
- Output resistance: 50 Ohms
- Maximum peak current: 500 Amperes
- Maximum rms current: 5 Amperes
- Droop rate: 0.09 %/microsecond
- Useable rise time: 10 nanoseconds
- Current time product: 0.002 Amp-second max*
- Low frequency 3dB point: 140 Hz (approximate)
- High frequency 3dB point: 35 MHz (approximate)
- I/f figure: 0.006 peak Amperes/Hz
- Output connector: BNC (UG-290A/U)
- Operating temperature: 0 to 65 °C
- Weight: 8.0 ounces

* Maximum current-time product can be obtained by using core-reset bias as described in the Application Notes. 0.0006 Ampere-second is typical without bias.