PEARSON™
CURRENT MONITOR
MODEL 3100

- Sensitivity: 1.0 Volt/Ampere +1/-0%
- Output resistance: 50 Ohms
- Maximum peak current: 500 Amperes
- Maximum rms current: 12 Amperes
- Droop rate: 0.04 %/microsecond
- Useable rise time: 50 nanoseconds
- Current time product: 0.03 Ampere-second*
- Low frequency 3dB cut-off: 40 Hz (approximate)
- High frequency 3dB cut-off: 7 MHz (approximate)
- I/f figure: 0.1 peak Amperes/Hz
- Shielding: Double
- Output connector: UHF (SO-239)
- Operating temperature: 0 to 65 °C
- Weight: 18.1 pounds

* Maximum current-time product can be obtained by using core-reset bias as described in the Application Notes. 0.01 Ampere-second is typical without bias.