PEARSON™
CURRENT
MONITOR
MODEL 101

Sensitivity 0.01 Volt/Ampere +1/-0%
Output resistance 50 Ohms
Maximum peak current 50000 Amperes
Maximum rms current 200 Amperes
Droop rate 0.1 %/millisecond
Useable rise time 100 nanoseconds
Current time product 2.5 Ampere-second maximum*
Low frequency 3dB cut-off 0.25 Hz (approximate)
High frequency 3dB cut-off 4 MHz (approximate)
I/f figure 12 peak Amperes/Hz
Output connector BNC (UG-290A/U)
Operating temperature 0 to 65 °C
Weight 23 ounces

* Maximum current-time product can be obtained by using core-reset bias as described in the Application Notes. 0.8 Ampere-second is typical without bias.

© 1999 Pearson Electronics, Inc. 101.SPX_990506