

# 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.

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