

# PEARSON™ CURRENT MONITOR MODEL 7765

Sensitivity	0.01 Volt/Ampere ±1%
Output resistance	50 Ohms
Maximum peak current	20,000 Amperes
Maximum rms current	150 Amperes
Drop rate	1.0 %/millisecond
Useable rise time	25 nanoseconds
Current time product	0.25 Ampere-second maximum*
Low frequency 3dB cut-off	2 Hz (approximate)
High frequency 3dB cut-off	20 MHz (approximate)
I/f figure	1 peak Amperes/Hz
Output connector	BNC (UG-290A/U)
Operating temperature	0 to 65 °C
Weight	19 ounces

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

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