

# PEARSON™ CURRENT MONITOR MODEL 8290

Sensitivity	0.1 Volt/Ampere $\pm 1\%$
Output resistance	50 Ohms
Maximum peak current	5000 Amperes
Maximum rms current	60 Amperes
Droop rate	1.5 %/millisecond
Useable rise time	20 nanoseconds
Current time product	0.2 Ampere-second max.*
Low frequency 3dB cut-off	3 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	11 ounces

\* Maximum current-time product can be obtained by using core-reset bias as described in the *Application Notes*. 0.06 Ampere-second is typical without bias.

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