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# PEARSON<sup>TM</sup> CURRENT MONITOR MODEL 8532

Sensitivity	0.01 Volt/Ampere $\pm 1\%$
Output resistance	50 Ohms
Maximum peak current	10,000 Amperes
Maximum rms current	100 Amperes
Drop rate	0.5 %/millisecond
Useable rise time	25 nanoseconds
Current time product	0.5 Ampere-second maximum*
Low frequency 3dB point	0.7 Hz (typical)
High frequency 3dB point	15 MHz (typical)
I/f figure	3 peak Amperes/Hz
Output connector	SMA

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

