

# PEARSON™ CURRENT MONITOR MODEL 4936

Sensitivity	0.1 Volt/Ampere +1/-0%
Output resistance	50 Ohms
Maximum peak current	5,000 Amperes
Maximum rms current	50 Amperes
Drop rate	0.9 %/millisecond
Useable rise time	20 nanoseconds
Current time product	0.2 Ampere-second maximum*
Low frequency 3dB point	1 Hz (approximate)
High frequency 3dB point	20 MHz (approximate)
1/f figure	0.6 peak Amperes/Hz
Output connector	Isolated ground BNC
Shielding	Double
Operating temperature	0 to 65 °C
Weight	8.3 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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