## PEARSON™ CURRENT MONITOR MODEL 3972

Sensitivity 0.1 Volt/Ampere ±1%

Output resistance 50 Ohms

Maximum peak current 5,000 Amperes

Maximum rms current 50 Amperes

Droop rate 1.0 %/millisecond

Useable rise time 20 nanoseconds

Current time product 0.2 Ampere-second maximum\*

Low frequency 3dB point 1 Hz (typical)
High frequency 3dB point 20 MHz (typical)

I/f figure 0.6 peak Amperes/Hz

Output connector BNC (UG-290A/U)

\* 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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