

# PEARSON™ CURRENT MONITOR MODEL 4100

Sensitivity	1 Volt/Ampere +1/-0%
Output resistance	50 Ohms
Maximum peak current	500 Amperes
Maximum rms current	5 Amperes
Drop rate	0.09 %/microsecond
Useable rise time	10 nanoseconds
Current time product	0.002 Amp-second max*
Low frequency 3dB point	140 Hz (approximate)
High frequency 3dB point	35 MHz (approximate)
I/f figure	0.006 peak Amperes/Hz
Output connector	BNC (UG-290A/U)
Operating temperature	0 to 65 °C
Weight	8.0 ounces

\* Maximum current-time product can be obtained by using core-reset bias as described in the *Application Notes*. 0.0006 Ampere-second is typical without bias.

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