

# 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)       |
| I/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.

