

# PEARSON™ CURRENT MONITOR MODEL 4285

|                            |                        |
|----------------------------|------------------------|
| Sensitivity                | 0.1 Volt/Ampere +1/-0% |
| Output resistance          | 50 Ohm                 |
| Maximum peak current       | 5,000 Amperes          |
| Maximum rms current        | 300 Amperes            |
| Drop rate                  | 1.5 %/millisecond      |
| Useable rise time          | 50 nanoseconds         |
| Current time product       | 1 Ampere-second*       |
| Low frequency 3dB cut-off  | 2 Hz (approximate)     |
| High frequency 3dB cut-off | 7 MHz (approximate)    |
| I/f figure                 | 4 RMS Amperes/Hz       |
| Output connector           | UHF                    |
| Shielding                  | Double                 |
| Operating temperature      | 0 to 65 °C             |
| Weight                     | 12.5 pounds            |

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

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