

**PRODYN ID-10B****INDUCTIVE CURRENT PROBE (i)**

The PRODYN Model ID-10B is a new improved version of the ID-10A (Equivalent to AFWL CPM-1B) sensor, which is used to measure the first time derivative of the total current through the aperture. A new interconnection system and integral design makes the new model far superior to the old model with regard to reliability, dependability, and facilitating field use. A GR type twinax output connector is standard, but other types are available with a slight decrease in voltage handling capability.

Mutual Inductance (M):  $1 \times 10^{-8}H$

Frequency Response (upper 3db):  $\geq 1 \text{ GHz}$

Risetime ( $t_r$ , 10 to 90): .3 ns

Max output (Differential): 5KV

