INTRODUCTION
The Precision Inductive Voltage Divider (IVD) is designed for use in the measurement of electrical power and other metrological applications requiring accurate scaling of voltages up to 1000 V rms to voltages in the range where the most precise measurements may be carried out.

SPECIFICATIONS
Type: Separately excited three-stage inductive voltage divider
Number of Decades: 3
Maximum Input Voltage: 1100 V ac rms or 20 V/Hz, whichever is less
Connectors: Type N-female
Voltage Ratios for isolated outputs (Decade “x 0.001”): 0.001, 0.002, 0.003, … 0.010
Nominal Frequency Range: 40 Hz to 1 kHz
Typical ratio errors at power frequencies:
  - in-phase: 1 part in $10^9$ of input
  - quadrature: 5 parts in $10^9$ of input
Typical calibration uncertainty and life-time stability at power frequencies:
  - in-phase: 1 part in $10^{10}$ of input
  - quadrature: 5 parts in $10^{10}$ of input
Weight: 117 kg

ENQUIRIES
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FACT SHEET | PRECISION 1000 V INDUCTIVE VOLTAGE DIVIDER