



More compact voltage measurement



DVC 1000-P

DVC 1000-P measures a nominal voltage of 1,000 VRMS with insulation. DVC 1000-P is really compact, measuring only 37 x 43 x 23.5 mm & can be mounted on a printed board for a total volume of only 37.4 cm³ offering significant space savings. LEM developed the DVC 1000-P to be fully compliant with the International Railway Industry Standards (IRIS), providing engineers in the railway industry, who are working with both rolling stock and sub-stations, with a versatile new transducer. It delivers a great overall accuracy, of +/- 1% at +25 °C with a high stability in temperature leading an overall accuracy of +/- 1.5% from -40 °C to +85 °C as operating temperature range. The model weighs only 22 g, more than 60% lighter than transducers already in the market for similar voltage range. It also exhibits a fast response time of 10 µs at 90% of nominal voltage.

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