

Voltage Transducer CV200-1000V/SP1 TQG3E

For the electronic measurement of voltages : DC, AC, pulsed..., with a galvanic isolation between the primary circuit (high voltage) and the secondary circuit (electronic circuit).

Performance data

Primary nominal voltage	± 1000	V
Primary voltage, measuring range	± 1500 , 30min/h	V
Secondary nominal r.m.s. current	80	mA
Supply voltage	$\pm 24 \pm 10\%$	V
Current consumption	$35 + I_s$	mA
R.m.s. voltage for AC isolation test	12	kV/ 50Hz/1 mn
Accuracy	$\pm 1\%$ ($-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$)	
Linearity	$\pm 0.1\%$ ($25^{\circ}\text{C} \pm 10^{\circ}\text{C}$)	
Offset current	± 0.5	mA
Response time @ 90 % of V_{PN}	≤ 70	μS
Ambient operating temperature	$-25 \sim +70$	$^{\circ}\text{C}$
Ambient storage temperature	$-45 \sim +85$	$^{\circ}\text{C}$
Mass	2000	g



Dimensions & connections

