

Voltage Transducer CV200-200..6400V

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	$\pm 200 \sim \pm 6400$	V
Primary voltage, measuring range	$\pm 1.5U_N, 30\text{min/h}$	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	6~12	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}	$\leq 30 \sim 500$	μS
Ambient operating temperature	$-25 \sim +70$	$^\circ\text{C}$
Ambient storage temperature	$-45 \sim +85$	$^\circ\text{C}$
Mass	2000	g



Dimensions & connections

