

Voltage Transducer CV25-700..1200V

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 r.m.s. voltage	50. . 600	V
Primary voltage, measuring range	1. 5V _{PN}	
Measuring resistance	R _{Mmin}	R _{Mmin}
With ±12V	30	100
With ±15V	100	190
Secondary nominal r.m.s. current	25	mA
Supply voltage (± 5 %)	±12..±15	V
Current consumption	10(@±15V) +Is	mA
R.m.s. voltage for AC isolation test	4100	V/ 50Hz/1 mn
Accuracy @V _{PN} , T _A =25°C	±0.8%	
Linearity	±0.2%	
Offset current @ T _A =25°C, V _P =0	±0.15	mA
Thermal drift @0°C..+70°C	±0.35	mA
Response time @ 90 % of V _{PN}	<40	μ S
Ambient operating temperature	-40. . +85	°C
Ambient storage temperature	-45. . +90	°C
Primary resistance @ T _A =70°C	250	Ω
Secondary coil resistance @ T _A =70°C	110	Ω
Mass	60	g

Dimensions & connections

