

AC VOLTAGE TRANSDUCER

VETP2 - □□□

CONSTANT VOLTAGE/CURRENT OUTPUT RMS VALUE TYPE

Use

Converts AC voltage in an electric power system into a DC signal in proportion to input.

Features

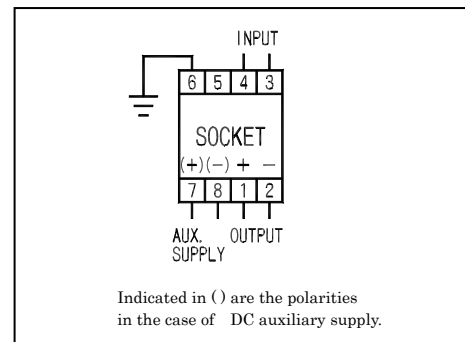
1. A type with auxiliary supply.
2. Constant voltage/current output. 4-20mA output is manufacturable.
3. Being a RMS type by adopting a hybrid IC, can be used for a distortion or a SCR waveform input.
4. Withstand voltage between input, output, auxiliary supply and outer case (earth) is AC2, 000V (50/60Hz), complete insulation for 1 minute.
5. Electrostatic shield between primary and secondary protects output side equipments from a lightning surge or suchlike from input side.
6. Impulse withstands voltage 5kV, 1.2/50µs (between electric circuit and earth), and positive/ negative polarity 3 times each is guaranteed.
7. 2kV, 1.2/50µs positive/negative polarity between input terminals (3/4), positive/negative polarity 3 times each is guaranteed.
8. Consult with us for an impulse withstand voltage between input terminals exceeds above values
9. With output line surge protection. (2, 000A, 8/20µs, positive/negative polarity) , can transmit an output directly to a distant place.



VETP2-551

(80 × 50 × 121mm/400g)

Connection diagram



Specification

Input	Output	Auxiliary supply	Common specification
①: AC0-63.5V	①: DC0-100mV (200)	①: AC100V±10%, 50/60Hz	Tolerance: ±0.5% Consumption VA: Input: 1.5VA AC power source:3VA DC power source:4W Weight: AC power source:400g DC power source:350g Response time: 1sec/99%
②: AC0-86.6V	②: DC0-1V (200)	②: AC110V±10%, 50/60Hz	
③: AC0-110V	③: DC0-5V (1k)	③: AC200V±10%, 50/60Hz	
④: AC0-127V	④: DC 0-10V (2k)	④: AC220V±10%, 50/60Hz	
⑤: AC0-150V	⑤: DC1-5V (1k)	⑤: DC24V±10%	
⑥: AC0-173.2V	⑥: DC0-1mA (10k)	⑥: DC48V±10%	
⑦: AC0-220V	⑦: DC0-5mA (2k)	⑦: other than those above	
⑧: AC0-300V	⑧: DC0-10mA (1k)		
⑨: other than those above	⑨: DC0-16mA (600)		
(rating frequency: 50/60Hz)	⑩: DC1-5mA (3k)		
	⑪: DC4-20mA (750)		
	⑫: other than those above		

Purchase specifications

