

REVOLUTION – SPEED TRANSDUSER

GVTP2 - □□□□

AC VOLTAGE PROPORTION TYPE

■ Use

Inputs from a tacho-generator installed on a dynamo or suchlike, and convert the input into a DC signal in proportion to the number of revolutions (AC voltage).

■ Features

1. Constant voltage/current output
2. Withstand voltage between input, output, auxiliary supply and outer case (earth) is AC2, 000V (50/60Hz), complete insulation for 1 minute.
3. Impulse withstands voltage 5kV, 1.2/50µs (between electric circuit and earth), and positive/negative polarity 3 times each is guaranteed.
4. With output line surge protection. (2, 000A, 8/20µs, positive/negative polarity), can transmit an output directly to a distant place.

■ Specification

Kind of frequency	Response (99%)	Input voltage	Output	Auxiliary supply	Common specification
A :0-33.3Hz	≤ 2sec.	1 : 0-25V 2 : 0-50V 3 : 0-100V 4 : 0-120V 5 : 0-35V 0 : other than those above Voltage signal: 10V ≤ Input span ≤ 300V	1 : DC0-100mV (≥ 200 Ω) 2 : DC0-1V (≥ 200 Ω) 3 : DC0-5V (≥ 1k Ω) 4 : DC 0-10V (≥ 2k Ω) 5 : DC1-5V (≥ 1k Ω) A : DC0-1mA (≤ 10k Ω) B : DC0-5mA (≤ 2k Ω) C : DC0-10mA (≤ 1k Ω) D : DC0-16mA (≤ 600 Ω) E : DC1-5mA (≤ 3k Ω) F : DC4-20mA (≤ 750 Ω) 0 : other than those above	1 : AC100V±10%, 50/60Hz 2 : AC110V±10%, 50/60Hz 3 : AC200V±10%, 50/60Hz 4 : AC220V±10%, 50/60Hz 5 : DC24V±10% 6 : DC48V±10% 0 : other than those above	Tolerance: ±0.5% Consumption VA: Input: 1.5VA AC power source:3VA DC power source:4W Weight: AC power source:450g DC power source:350g
B :0-40Hz					
C :0-50Hz					
D :0-55Hz					
E :0-60Hz					
F :0-65Hz					
G :0-66.6Hz	≤ 1sec.				
H :0-100Hz					
I :0-120Hz					
J :0-166.6Hz					
K :0-200Hz	≤ 0.5sec.				
L :0-333.3Hz					
M :0-500Hz					
N :0-1kHz	-				
0 : other than those above					

● Open of current output: even if the current output terminal is used in a state of regular open, there is no problem. Also, a voltage of approx. 25V occurs on the output terminal.

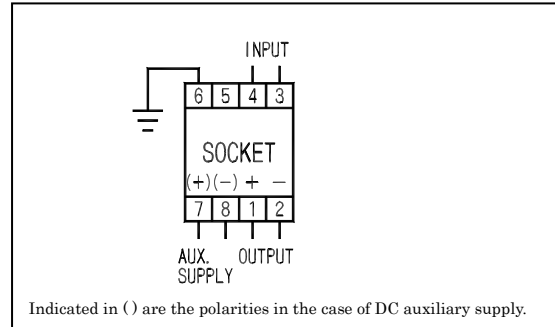
● Input range

Specify input voltage ranging from AC0-10V to AC0-300V, and frequency listed in the table above (kind of input).



GVTP2-H0F5
(80×50×121mm/350g)

■ Connection diagram



■ Purchase specifications

