

# § BOX TRANSDUCER § SIGNAL TRANSDUCER

## ANALOG PULSE TRANSDUCER

### ANALOG PULSE TRANSDUCER VF2-83A

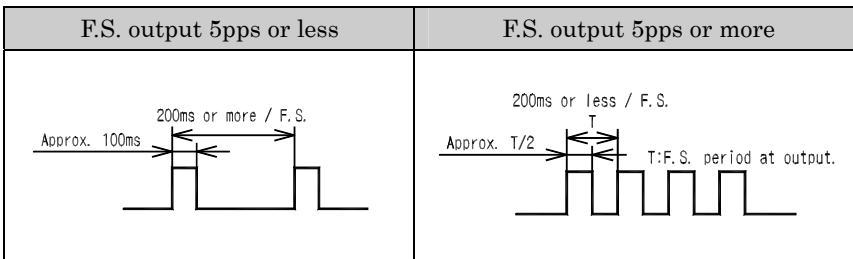
#### Use

Input is DC signal such as power/current transducer. Convert to frequency pulse in proportion to input after insulation.

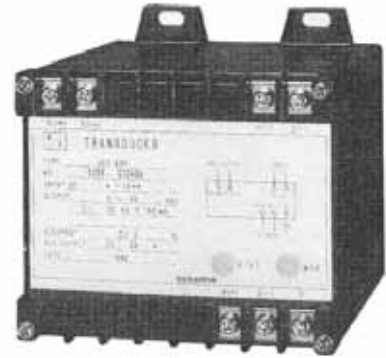
#### Features

Output signal system: either open collector output or voltage output.  
 Withstand voltage 2,000V AC (between input/output/auxiliary supply/earth).  
 Impulse withstand voltage  $5kV \pm 1.2/50 \mu s$  (between electric circuit and earth), positive/negative polarity 3 times each is guaranteed.

#### Output pulse



F.S. output: 0.01111-277.8pps.

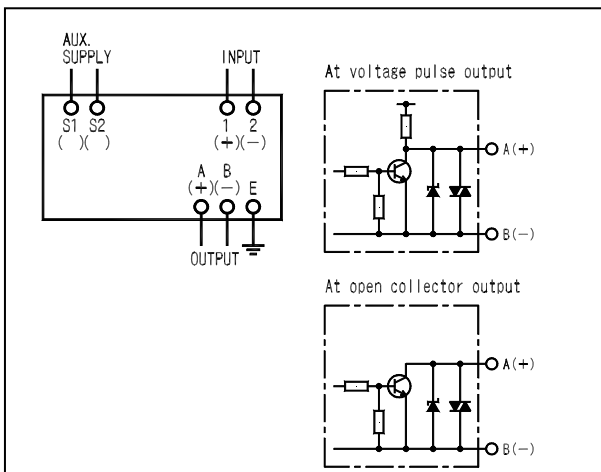


**VF2-83A**  
 (120 × 110 × 130mm/1.2kg)

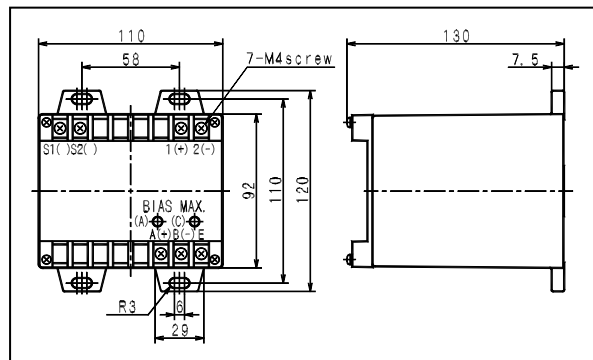
#### Specifications

| Kind of input (input resistance)  | Output signal method  | Auxiliary supply   | Common specifications   |
|---|---|--|---|
| <ol style="list-style-type: none"> <li>1: 0-5V (Approx. 1MΩ)</li> <li>2: 0-10V (Approx. 1MΩ)</li> <li>3: 1-5V (Approx. 1MΩ)</li> <li>4: 0-1mA (Approx. 100Ω)</li> <li>5: 4-20mA (Approx. 100Ω)</li> </ol> | <ol style="list-style-type: none"> <li>1: voltage pulse<br/>10Vp (load 2k)</li> <li>2: Tr. open connector (O.C.)<br/>DC48V, 100mA MAX.</li> </ol> | <ol style="list-style-type: none"> <li>1: AC100V±15%, 50/60Hz</li> <li>2: AC110V±15%, 50/60Hz</li> <li>3: AC200V±15%, 50/60Hz</li> <li>4: AC220V±15%, 50/60Hz</li> <li>5: DC24V±10%</li> <li>6: DC48V±10%</li> <li>7: DC110V (88-143V)</li> <li>0: other than those above</li> </ol> | Tolerance: ±0.5%<br>Response time: 0.1sec. or less/99%<br>Consumption VA:<br>AC power source 2.5VA<br>DC power source 3W<br>Weight: 1.2kg |

#### Connection diagram



#### Dimensions (mm)



#### Purchase specifications

