

SELSYN TRANSDUCER

STP1 - □□□

■ Use

It replaces displacement of a revolution angle or a position of a selsyn communicator by DC signal of fine linearity.

■ Features

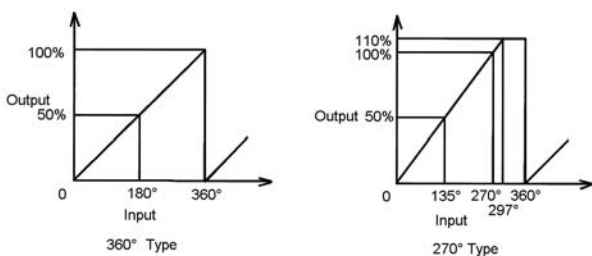
1. Constant voltage/current output
2. Withstand voltage between electric circuit and outer case; and between input, output, auxiliary supply is AC2, 000V (50/60Hz), or AC1, 500V (50/60Hz) for 1 minute between input and output.
3. Impulse withstands voltage 5kV, 1.2/50μs (between electric circuit and earth), and positive/ negative polarity 3 times each is guaranteed.

■ Specification

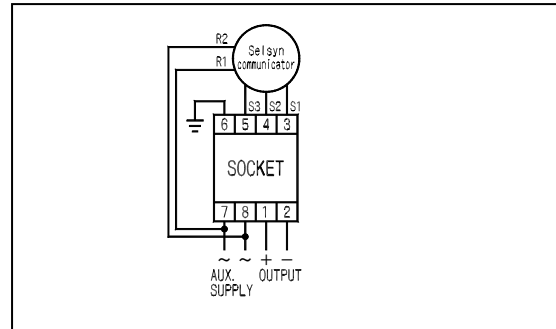
Input	Output (load resistance)	Auxiliary supply	Common specification
Selsyn signal □1: 0-360°, 60Hz □2: 0-360°, 50Hz □3: 0-270°, 60Hz □4: 0-270°, 50Hz □5: 0-240°, 60Hz □6: 0-240°, 50Hz □0: other than those above	□1: DC0-100mV (≥200Ω) □2: DC0-1V (≥200Ω) □3: DC0-5V (≥1kΩ) □4: DC 0-10V (≥2kΩ) □5: DC1-5V (≥1kΩ) □6: DC±5V (≥1kΩ) □7: DC±10V (≥2kΩ) □A: DC0-1mA (≤10kΩ) □B: DC0-5mA (≤2kΩ) □C: DC0-10mA (≤1kΩ) □D: DC0-16mA (≤600Ω) □E: DC1-5mA (≤3kΩ) □F: DC4-20mA (≤750Ω) □0: other than those above	□1: AC100V±10% □2: AC110V±10% □3: AC200V±10% □4: AC220V±10% □0: other than those above Power frequency becomes identical to input frequency.	Tolerance: ±0.5% Response time: ≤1sec./99% Consumption VA: AC power source:3.5VA Weight: AC power source:500g

- 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.
- Manufacturable range (maximum value) is from 210° to 360° by a step of 30°.
- VR variable range ±20°±30° is manufacturable.

●Input/output relationship diagram



■ Connection diagram



STP1-151
(80×50×121mm/500g)

■ Purchase specifications

