

## ST SERIES



### Feature

- The Transducer Amplifier of Strain Gauge (Load Cell, Pressure Sensor, Torque)
- Various Voltage, Current Output (0~10V, 0~40mA)
- Adjustable Sensor Input (0.5mV/V ~ 4mV/V)
- Adjustable Filter Frequency (1Hz~5Hz)
- Light Weight, Easy to Mount

### System Application

Long Distance Signal Transmission  
 Various Controller Input Signal  
 (PLC, Current Indicator A/D Board, X-T Recorder)

	Voltage Output Transmitter	Current Output Transmitter
MODEL	ST-V05, ST-V15, ST-V010	ST-I420, ST-I020, ST-I040
OUTPUT	0~5V, 1~5V, 0~10V	4~20mA, 0~20mA, 0~40mA
POWER (Constant Voltage)	+12/24V, +12/24V, +17~24V	+12/24V, +12/24V, +17~24V
Analogue Signal Input	1.2, 2.0, 3.0mV/V (0.5 ~ 4.0 mV/V DIP)	1.2, 2.0, 3.0mV/V (0.5 ~ 4.0 mV/V DIP)
Impedance Input	≤ 1010 Ω	≤ 1010 Ω
Transducer Affirmation Voltage	5V / 10 V Constant Voltage (Remote Sense type 5V / 10V)	5V / 10 V Constant Voltage (Remote Sense type 5V / 10V)
Zero Balance	±30% (R.O)	±30% (R.O)
Span Balance	±10% (R.O)	±10% (R.O)
Linearity Error Rate	0.02% (F.S)	0.025% (F.S)
Accuracy Rate	0.02% (F.S)	0.025% (F.S)
Temperature Range & Humidity	Within -25 ~ +85°C, 85% R.H	Within -25 ~ +85°C, 85% R.H
Load Resistance	Over 1.7 KΩ	0~500Ω

