

Sensor Signal Isolation Transmission Module



S1101

Thermocouple Signal Conditioning Module

- ※ Input Signal: J, K, T, E, R, S, B, N-Type thermocouple
- ※ Output Signal: $\pm 5V$, $\pm 10V$, $0\sim 5V$, $1\sim 5V$, $0\sim 10V$, $0\sim 20mA$, $4\sim 20mA$
- ※ Input/Output Channels: 1/1
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)
- ※ Input disconnection detection function



S1209

Potentiometer Signal Conditioning Module

- ※ Input Signal: $0\sim 100$, $0\sim 200$, $0\sim 500$, $0\sim 1K$, $0\sim 2K$, $0\sim 5K$, $0\sim 10K$
- ※ Output Signal: $\pm 5V$, $\pm 10V$, $0\sim 5V$, $1\sim 5V$, $0\sim 10V$, $0\sim 20mA$, $4\sim 20mA$
- ※ Input/Output Channels: 1/2
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Incentives: within an accurately constant voltage source incentive
- ※ Power Supply: 24VDC ($\pm 10\%$)



S1201

Thermocouple Signal Conditioning Module

- ※ Input Signal: J, K, T, E, R, S, B, N-type thermocouple
- ※ Output Signal: $\pm 5V$, $\pm 10V$, $0\sim 5V$, $1\sim 5V$, $0\sim 10V$, $0\sim 20mA$, $4\sim 20mA$
- ※ Input/Output Channels: 1/2
- ※ Frequency Response: 10Hz
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)



S1110

Strain Bridge Signal Conditioning Module

- ※ Input Signal: bridge signal: $\pm 10mV$, $\pm 15mV$, $\pm 20mV$, $\pm 50mV$, $\pm 75mV$, $\pm 100mV$ (The bridge resistance optional, and full-bridge, 1/2 bridge, 1/4 bridge selectable)
- ※ Output Signal: $\pm 5V$, $\pm 10V$, $0\sim 5V$, $1\sim 5V$, $0\sim 10V$, $0\sim 20mA$, $4\sim 20mA$
- ※ Input/Output Channels: 1/1
- ※ Within 10V constant voltage source
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)
- ※ Input disconnection detection function



S1102

Thermal Resistance Signal Conditioning Module

- ※ Input Signal: Pt100, Pt1000, Cu50, Cu100
- ※ Output Signal: $\pm 5V$, $\pm 10V$, $0\sim 5V$, $1\sim 5V$, $0\sim 10V$, $0\sim 20mA$, $4\sim 20mA$
- ※ Input/Output Channels: 1/1
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)
- ※ Input disconnection detection function



S1210

Strain Bridge Signal Conditioning Module

- ※ Input Signal: bridge signal: $\pm 10mV$, $\pm 15mV$, $\pm 20mV$, $\pm 50mV$, $\pm 75mV$, $\pm 100mV$ (The bridge resistance optional, and full-bridge, 1/2 bridge, 1/4 bridge selectable)
- ※ Output Signal: $\pm 5V$, $\pm 10V$, $0\sim 5V$, $1\sim 5V$, $0\sim 10V$, $0\sim 20mA$, $4\sim 20mA$
- ※ Input/Output Channels: 1/2
- ※ Within 10V constant voltage source
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)

Standard Signal Isolation Converter Module



S1202

Thermal Resistance Signal Conditioning Module

- ※ Input Signal: Pt100, Pt1000, Cu50, Cu100
- ※ Output Signal: $\pm 5V$, $\pm 10V$, $0\sim 5V$, $1\sim 5V$, $0\sim 10V$, $0\sim 20mA$, $4\sim 20mA$
- ※ Input/Output Channels: 1/2
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)



S1105

Standard Signal Isolation and Conversion Module

- ※ Input Signal: $\pm 500mV$, $\pm 2V$, $\pm 5V$, $\pm 10V$, $0\sim 20V$, $0\sim 5V$, $0\sim 10V$, $\pm 20mA$, $0\sim 10mA$, $0\sim 20mA$, $4\sim 20mA$
- ※ Output Signal: $\pm 5V$, $\pm 10V$, $0\sim 5V$, $1\sim 5V$, $0\sim 10V$, $0\sim 20mA$, $4\sim 20mA$
- ※ Input/Output Channels: 1/1
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)



S1109

Potentiometer Signal Conditioning Module

- ※ Input Signal: $0\sim 100$, $0\sim 200$, $0\sim 500$, $0\sim 1K$, $0\sim 2K$, $0\sim 5K$, $0\sim 10K$
- ※ Output Signal: $\pm 5V$, $\pm 10V$, $0\sim 5V$, $1\sim 5V$, $0\sim 10V$, $0\sim 20mA$, $4\sim 20mA$
- ※ Input/Output Channels: 1/1
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Incentives: within an accurately constant voltage source incentive
- ※ Power Supply: 24VDC ($\pm 10\%$)
- ※ Input disconnection detection function



S1205

Small-signal Isolation Amplifier Conversion Module

- ※ Input Signal: $\pm 500mV$, $\pm 2V$, $\pm 5V$, $\pm 10V$, $0\sim 500mV$, $0\sim 2V$, $0\sim 5V$, $0\sim 10V$, $\pm 20mA$, $0\sim 10mA$, $0\sim 20mA$, $4\sim 20mA$
- ※ Output Signal: $\pm 5V$, $\pm 10V$, $0\sim 5V$, $1\sim 5V$, $0\sim 10V$, $0\sim 20mA$, $4\sim 20mA$
- ※ Input/Output Channels: 1/2
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)

S1103



Small-signal Isolation and Amplification Module

- ※ Input Signal: $\pm 10\text{mV}$, $\pm 15\text{mV}$, $\pm 20\text{mV}$, $\pm 50\text{mV}$, $\pm 75\text{mV}$, $\pm 100\text{mV}$, $0\sim 10\text{mV}$, $0\sim 15\text{mV}$, $0\sim 20\text{mV}$, $0\sim 50\text{mV}$, $0\sim 75\text{mV}$, $0\sim 100\text{mV}$
- ※ Output Signal: $\pm 5\text{V}$, $\pm 10\text{V}$, $0\sim 5\text{V}$, $1\sim 5\text{V}$, $0\sim 10\text{V}$, $0\sim 20\text{mA}$, $4\sim 20\text{mA}$
- ※ Input/Output Channels: 1/1
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)
- ※ Input disconnection detection function

S1203



Small-signal Isolation, Amplification Conversion Module

- ※ Input Signal: $\pm 10\text{mV}$, $\pm 15\text{mV}$, $\pm 20\text{mV}$, $\pm 50\text{mV}$, $\pm 75\text{mV}$, $\pm 100\text{mV}$, $0\sim 10\text{mV}$, $0\sim 15\text{mV}$, $0\sim 20\text{mV}$, $0\sim 50\text{mV}$, $0\sim 75\text{mV}$, $0\sim 100\text{mV}$
- ※ Output Signal: $\pm 5\text{V}$, $\pm 10\text{V}$, $0\sim 5\text{V}$, $1\sim 5\text{V}$, $0\sim 10\text{V}$, $0\sim 20\text{mA}$, $4\sim 20\text{mA}$
- ※ Input/Output Channels: 1/2
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)

S1206V



AC Voltage Signal Input Module

- ※ Input Signal: $0\sim 10\text{VAC}$, $0\sim 20\text{VAC}$, $0\sim 50\text{VAC}$, $0\sim 100\text{VAC}$, $0\sim 120\text{VAC}$, $0\sim 200\text{VAC}$, $0\sim 250\text{VAC}$, $0\sim 300\text{VAC}$, $0\sim 500\text{VAC}$, $0\sim 750\text{VAC}$, $0\sim 1000\text{VAC}$
- ※ Output Signal: $\pm 5\text{V}$, $\pm 10\text{V}$, $0\sim 5\text{V}$, $1\sim 5\text{V}$, $0\sim 10\text{V}$, $0\sim 20\text{mA}$, $4\sim 20\text{mA}$
- ※ Input/Output Channels: 1/2
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)

S1106I



AC Current Signal Input Module

- ※ Input Signal: $0\sim 1\text{AAC}$, $0\sim 2\text{AAC}$, $0\sim 5\text{AAC}$, $0\sim 10\text{AAC}$, $0\sim 20\text{AAC}$, $0\sim 40\text{AAC}$, $0\sim 50\text{AAC}$, $0\sim 100\text{AAC}$
- ※ Output Signal: $\pm 5\text{V}$, $\pm 10\text{V}$, $0\sim 5\text{V}$, $1\sim 5\text{V}$, $0\sim 10\text{V}$, $0\sim 20\text{mA}$, $4\sim 20\text{mA}$
- ※ Input/Output Channels: 1/1
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)

Two-wire Current Input Isolation Conversion Module

S1104



Two-wire Current Input Isolation Conversion Module

- ※ Input Signal: $4\sim 20\text{mA}$
- ※ Output Signal: $\pm 5\text{V}$, $\pm 10\text{V}$, $0\sim 5\text{V}$, $1\sim 5\text{V}$, $0\sim 10\text{V}$, $0\sim 20\text{mA}$, $4\sim 20\text{mA}$
- ※ Input/Output Channels: 1/1
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)

S1206I



AC Current Signal Input Module

- ※ Input Signal: $0\sim 1\text{AAC}$, $0\sim 2\text{AAC}$, $0\sim 5\text{AAC}$, $0\sim 10\text{AAC}$, $0\sim 20\text{AAC}$, $0\sim 40\text{AAC}$, $0\sim 50\text{AAC}$, $0\sim 100\text{AAC}$
- ※ Output Signal: $\pm 5\text{V}$, $\pm 10\text{V}$, $0\sim 5\text{V}$, $1\sim 5\text{V}$, $0\sim 10\text{V}$, $0\sim 20\text{mA}$, $4\sim 20\text{mA}$
- ※ Input/Output Channels: 1/2
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)

S1204



Two-wire Current Input Isolation Conversion Module

- ※ Input Signal: $4\sim 20\text{mA}$
- ※ Output Signal: $\pm 5\text{V}$, $\pm 10\text{V}$, $0\sim 5\text{V}$, $1\sim 5\text{V}$, $0\sim 10\text{V}$, $0\sim 20\text{mA}$, $4\sim 20\text{mA}$
- ※ Input/Output Channels: 1/2
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)

DC High-voltage Isolation Converter Module

S1105H



DC High-voltage Signal Isolation Conversion Module

- ※ Input Signal: $0\sim 50\text{V}$, $0\sim 100\text{V}$, $0\sim 150\text{V}$, $0\sim 200\text{V}$, $0\sim 300\text{V}$, $0\sim 450\text{V}$, $0\sim 1000\text{V}$
- ※ Output Signal: $\pm 5\text{V}$, $\pm 10\text{V}$, $0\sim 5\text{V}$, $1\sim 5\text{V}$, $0\sim 10\text{V}$, $0\sim 20\text{mA}$, $4\sim 20\text{mA}$
- ※ Input/Output Channels: 1/1
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)

S1205H



DC High-voltage Signal Isolation Conversion Module

- ※ Input Signal: $0\sim 50\text{V}$, $0\sim 100\text{V}$, $0\sim 150\text{V}$, $0\sim 200\text{V}$, $0\sim 300\text{V}$, $0\sim 450\text{V}$, $0\sim 1000\text{V}$
- ※ Output Signal: $\pm 5\text{V}$, $\pm 10\text{V}$, $0\sim 5\text{V}$, $1\sim 5\text{V}$, $0\sim 10\text{V}$, $0\sim 20\text{mA}$, $4\sim 20\text{mA}$
- ※ Input/Output Channels: 1/2
- ※ Precision: 0.2%
- ※ Frequency Response: 1KHz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)

AC Signal Isolation Transmission Module

S1106V



AC Voltage Signal Input Module

- ※ Input Signal: $0\sim 10\text{VAC}$, $0\sim 20\text{VAC}$, $0\sim 50\text{VAC}$, $0\sim 100\text{VAC}$, $0\sim 120\text{VAC}$, $0\sim 200\text{VAC}$, $0\sim 250\text{VAC}$, $0\sim 300\text{VAC}$, $0\sim 500\text{VAC}$, $0\sim 750\text{VAC}$, $0\sim 1000\text{VAC}$
- ※ Output Signal: $\pm 5\text{V}$, $\pm 10\text{V}$, $0\sim 5\text{V}$, $1\sim 5\text{V}$, $0\sim 10\text{V}$, $0\sim 20\text{mA}$, $4\sim 20\text{mA}$
- ※ Input/Output Channels: 1/1
- ※ Precision: 0.2%
- ※ Frequency Response: 10Hz
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)



S1107

Frequency / Voltage, Current Isolation Conversion Module

- ※ Input Signal: 0~50Hz, 0~100Hz, 0~200Hz, 0~500Hz, 0~1KHz, 0~2KHz, 0~5KHz, 0~10KHz, 0~20KHz, 0~50KHz, 0~100KHz
- ※ Output Signal: $\pm 5V$, $\pm 10V$, 0~5V, 1~5V, 0~10V, 0~20mA, 4~20mA
- ※ Input/Output Channels: 1/1
- ※ Precision: 0.2%
- ※ Support open-collector signal input
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)



S1207

Frequency / Voltage, Current Isolation Conversion Module

- ※ Input Signal: 0~50Hz, 0~100Hz, 0~200Hz, 0~500Hz, 0~1KHz, 0~2KHz, 0~5KHz, 0~10KHz, 0~20KHz, 0~50KHz, 0~100KHz
- ※ Output Signal: $\pm 5V$, $\pm 10V$, 0~5V, 1~5V, 0~10V, 0~20mA, 4~20mA
- ※ Input/Output Channels: 1/2
- ※ Precision: 0.2%
- ※ Support open-collector signal input
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)



S1108

Voltage, Current / Frequency Isolation Conversion Module

- ※ Input Signal: 0~5V, 1~5V, 0~10V, 0~10mA, 0~20mA, 4~20mA
- ※ Output Signal: 0~50Hz, 0~100Hz, 0~200Hz, 0~500Hz, 0~1KHz, 0~2KHz, 0~5KHz, 0~10KHz, 0~20KHz, 0~50KHz, 0~100KHz
- ※ Input/Output Channels: 1/1
- ※ Precision: 0.2%
- ※ Support open-collector signal input
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)



S1208

Voltage, Current / Frequency Isolation Conversion Module

- ※ Input Signal: 0~5V, 1~5V, 0~10V, 0~10mA, 0~20mA, 4~20mA
- ※ Output Signal: 0~50Hz, 0~100Hz, 0~200Hz, 0~500Hz, 0~1KHz, 0~2KHz, 0~5KHz, 0~10KHz, 0~20KHz, 0~50KHz, 0~100KHz
- ※ Input/Output Channels: 1/2
- ※ Precision: 0.2%
- ※ Isolation Voltage: 1000V/1min
- ※ Power Supply: 24VDC ($\pm 10\%$)

Passive Isolation Module



S1121

Passive Isolation Module

- ※ Input Signal: 0~20mA, 4~20mA
- ※ Output Signal: 0~20mA, 4~20mA
- ※ Input/Output Channels: 1/1
- ※ Precision: 0.2%
- ※ Isolation Voltage: 1000V/1min