

WISE-5018

WISE-5024

WISE-5080

6-ch Thermocouple Input Module

4-ch Analogue Output Module

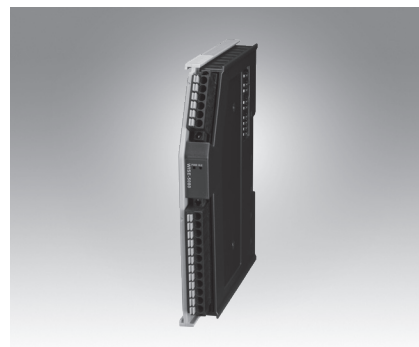
2-ch Counter/Encoder Input Module



WISE-5018



WISE-5024



WISE-5080



Specifications

General

- **Certification** CE, FCC class A
- **Connector** Pluggable 4P+8P push-in terminal (#24-16 AWG)
- **Enclosure** PC
- **Power Consumption** 2W@24V_{DC}
- **Protocol** EtherCAT
- **Transmission Rate** 100bps
- **Distributed Clock** Default not supported
- **LED Indicator** PWR, RUN

Thermocouple Input

- **Channels** 6 differential
- **Input Type** V, mV, Thermocouple
- **Input Impedance** >2MΩ
- **Voltage Range** ±50 mV, ±100 mV, ±500 mV, ±1 V, ±2.5 V
- **Temperature Range** Type J (-210 ~ 1200° C), Type K (-270 ~ 1372° C), Type T (-270 ~ 400° C), Type E (-270 ~ 1000° C), Type R (0 ~ 1768° C), Type S (0 ~ 1768° C), Type B (300 ~ 1820° C)
- **Resolution** 16-bit with ±0.1% FSR accuracy
- **Sample Rate** 100 Sample/Second (per channel)

Protection

- **Isolation Voltage** 2,000 V_{DC}

Environment

- **Operation Temperature** -10~60°C (vertical mounted)
- **Storage Temperature** -40~85°C
- **Relative Humidity** 5~95% (non-condense)

Ordering Information

- **WISE-5018** 6-ch Thermocouple Input Module

Specifications

General

- **Certification** CE, FCC class A
- **Connector** Pluggable 4P+8P push-in terminal (#24-16 AWG)
- **Enclosure** PC
- **Power Consumption** 3.5W@24V_{DC}
- **Protocol** EtherCAT
- **Transmission Rate** 100bps
- **Distributed Clock** Default not supported
- **LED Indicator** PWR, RUN

Analogue Output

- **Channels** 4
- **Output Type** V, mV, mA
- **Output Range** 0-5V, 0-10V, ±5V, ±10V, 4-20mA, 0-20mA
- **Resolution** 16-bit with accuracy 0.01% FSR@25°C
- **Slew Rate** Configurable
- **Drift** ± 50 ppm/°C
- **Current Load Resistor** Max. 500 Ω
- **Voltage Load Resistor** Min. 1KΩ

Protection

- **Isolation Voltage** 2,000 V_{DC}

Environment

- **Operation Temperature** -10~60°C (vertical mounted)
- **Storage Temperature** -40~85°C
- **Relative Humidity** 5~95% (non-condense)

Ordering Information

- **WISE-5024** 4-ch Analogue Output Module

Specifications

General

- **Certification** CE, FCC class A
- **Connector** Pluggable 4P+8P push-in terminal (#24-16 AWG)
- **Enclosure** PC
- **Power Consumption** 2W@24V_{DC}
- **Protocol** EtherCAT
- **Transmission Rate** 100bps
- **Distributed Clock** Default not supported
- **LED Indicator** PWR, RUN

Counter/Encoder Input

- **Channels** 2
- **Counting Range** 32-bit
- **Mode** Counter (up/down, bi-direction, up, A/B Phase)

Frequency

- **Signal Input** Logic level 0: 0 ~ 3 V_{DC}
Logic level 1: 10 ~ 30 V_{DC}
- **Input Frequency** 5 Hz ~ 1 MHz max. (frequency mode)
1 MHz max. (counter mode)

Protection

- **Isolation Voltage** 2,000 V_{DC}

Environment

- **Operation Temperature** -10~60°C (vertical mounted)
- **Storage Temperature** -40~85°C
- **Relative Humidity** 5~95% (non-condense)

Ordering Information

- **WISE-5080** 2-ch Counter/Encoder Input Module