

WISE-5015

WISE-5017V

WISE-5017C

4-ch RTD Input Module

6-ch Voltage AI Module

6-ch Current AI Module



WISE-5015



WISE-5017V



WISE-5017C



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

RTD Input

- **Channels** 4
- **Input Connections** 2 or 3 wire
- **Temperature Range**
 - Pt 100 RTD: Pt -50°C to 150°C
 - Balco 500 RTD: Pt 0°C to 100°C
 - Ni 518 RTD: Pt 0°C to 200°C
 - Pt 0°C to 400°C
 - Pt -200°C to 200°C
 - IEC RTD 100 ohms (a = 0.00385)
 - JIS RTD 100 ohms (a = 0.00392)
 - Pt 1000 RTD: Pt -40°C to 160°C
 - Balco 500 RTD: -30°C to 120°C
 - Ni 518 RTD: -80°C to 100°C
 - 0°C to 100°C
- **Resolution** 16 bit with ±0.1% FSR accuracy
- **Sample Rate** 100 sample/s (per channel)
- **Burn-out detection** Yes

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-5015** 4-ch RTD Input 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

Analogue Input

- **Channels** 6 (Differential)
- **Input Type** V_{mV}
- **Voltage Range** ±150 mV, ±500 mV, ±1 V, ±5 V, ±10 V
- **Input Impedance** >10M Ω
- **Resolution** 16-bit with ±0.1% FSR accuracy
- **Sample Rate** 100 sample/s (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-5017V** 6-ch Voltage AI 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

Analogue Input

- **Channels** 6 (Differential)
- **Input Type** mA
- **Voltage Range** ±20 mA, 0 ~ 20 mA, 4 ~ 20 mA
- **Input Impedance** 120 Ω
- **Resolution** 16-bit with ±0.01% FSR accuracy @25°C
- **Sample Rate** 100 sample/s (per channel)
- **Burn-out detection** Yes

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-5017C** 6-ch Current AI Module