ADAM-3613-AE
ADAM-3618-AE

4-ch RTD Input Module

4-ch Thermocouple Input Module

ADAM-3613-AE

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Specifications

General

- **Power Consumption** 1W(Max)
- **Certification** CE/FCC

Analog Input

- **Channels** 4, 3-wired
- **Input Impedance** >1MΩ
- **Input Type** Pt, Balco and Ni RTD
- **Temperature Range**

Pt 100	-50°C	~	150°C
	0°C	~	100°C
	0°C	~	200°C
	0°C	~	400°C
	-200°C	~	200°C

Supports both IEC 60751 ITS90 (0.03851 W/W/°C) and JIS C 1604 (0.03916 W/W/°C)

Pt 1000	-40°C	~	160°C
Balco 500	-30°C	~	120°C
Ni 518	-80°C	~	100°C
	0°C	~	100°C

- **Resolution** 16-bit with accuracy 0.1% of Full Scale Range
- **Sampling Rate** 10 sample/second (total)
- **Accuracy** ±0.1% of Full Scale Range
- **CMR @ 50/60 Hz** 90dBs
- **NMR @ 50/60 Hz** 60dBs
- **Span Drift** ±25 ppm/°C
- **Zero Drift** ±6μV/°C
- **Isolation Voltage** 2000 V_{DC}
- **Burn-out detection** Yes

Environment

- **Operating Temp.** -40 ~ 70 °C
- **Storage Temp.** -40 ~ 85 °C
- **Humidity** 5~95% (no-condensation)

Ordering Information

- **ADAM-3613-AE** 4-ch RTD Input Module

Specifications

General

- **Power Consumption** 1W (Max)
- **Certification** CE/FCC

Analog Input

- **Channels** 4
- **Input Type** J, K, T, E, R, S, B Type Thermocouple
- **Temperature Range**
  Type J (0 ~ 760°C)
  Type K (0 ~ 1370°C)
  Type T (-100 ~ 400°C)
  Type E (0 ~ 1000°C)
  Type R (500 ~ 1750°C)
  Type S (500 ~ 1750°C)
  Type B (500 ~ 1800°C)
- **Resolution** 16-bit
- **Sampling rate** 10 sample/second (total)
- **Input Impedance** >1 MΩ
- **Accuracy** ±3°C
- **CMR @ 50/60 Hz** 90 dBs
- **NMR @ 50/60 Hz** 60 dBs
- **Span Drift** 0.0055%
- **Zero Drift** ± 6 μV/°C
- **Isolation Voltage** 2000 V_{DC}
- **Burn-out detection** Yes

Environment

- **Operating Temp.** -40 ~ 70°C
- **Storage Temp.** -40 ~ 85°C
- **Humidity** 5 ~ 95% (no-condensation)

Ordering Information

- **ADAM-3618-AE** 4-ch Thermocouple Input Module

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