

ADAM-3613-AE

ADAM-3618-AE

4-ch RTD Input Module

4-ch Thermocouple Input Module

NEW



ADAM-3613-AE

RoHS
COMPLIANT
2002/95/EC

CE FCC

Specifications

General

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

Analog Input

- Channels 4, 3-wired
- Input Impedance >1M Ω
- 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 $\pm 0.1\%$ of Full Scale Range
- CMR @ 50/60 Hz 90dBs
- NMR @ 50/60 Hz 60dBs
- Span Drift ± 25 ppm/°C
- Zero Drift $\pm 6\mu V/^\circ C$
- 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

NEW



ADAM-3618-AE

RoHS
COMPLIANT
2002/95/EC

CE FCC

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 M Ω
- Accuracy $\pm 3^\circ C$
- CMR @ 50/60 Hz 90 dBs
- NMR @ 50/60 Hz 60 dBs
- Span Drift 0.0055%
- Zero Drift $\pm 6 \mu V/^\circ C$
- 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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Industrial Temperature Sensors](#) category:

Click to view products by [Advantech](#) manufacturer:

Other Similar products are found below :

[590-32AC34-103-WRI](#) [590-59CN02-103](#) [G9864ST22F0](#) [HEL-705-U-0-12-C1](#) [HEL-736-U-2-36](#) [HEL-717-U-0-24-00](#) [519-39AW09-245](#)
[519-39CH01-295](#) [535-32AB36-202](#) [535-34AE08-303](#) [512-32AQ01-503](#) [521-33AG04-303](#) [521-53BR01-503](#) [E52P6DY4M](#) [535-34AE09-222](#)
[590-32AC34-103](#) [590-32AD05-103](#) [HEL-705-U-0-36-00](#) [HEL-705-U-1-12-C2](#) [E52-CA6D-N 4M](#) [E52-P6DY 2M](#) [E52-P20C-N D=8](#) [E52-](#)
[THE5A 100-200 2M](#) [HRTS-5760-B-T-0-18](#) [6655-71990001](#) [LTPCTGA20MBSIBX01](#) [LTPCTAA20MDSIEX01](#) [NCP81255MNTXG](#) [HEL-](#)
[707-T-1-24-00](#) [HEL-716-U-0-24-00](#) [USW2247](#) [R-11614-1](#) [RP103ST22P2](#) [R-10331-3F6](#) [B57045K0222K000](#) [B57045K0154K000](#)
[PPG102A6](#) [R-7119](#) [R-8949-34](#) [BB-WTJ-10-36-TT](#) [20006233-00](#) [USW2889](#) [IWTTP200A](#) [IWTTP250A](#) [IWTTP300A](#) [TT4-PT1000B-T180-](#)
[OM52-500](#) [TT4-PT100B-T180-C312-200](#) [TT4-PT100B-T180-OM52-500](#) [NB-PTCO-142](#) [B57045K0682K000](#)