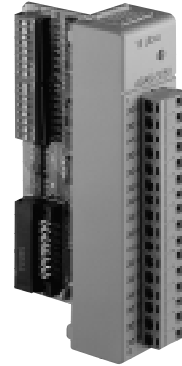
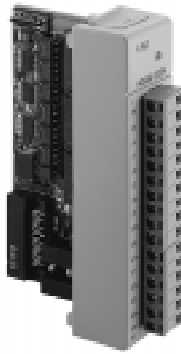
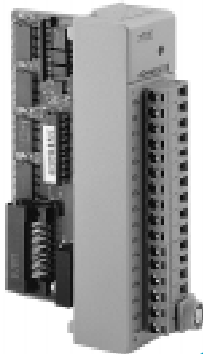


ADAM-5018
ADAM-5024
ADAM-5050

7-channel Thermocouple Input Module
4-channel Analog Output Module
16-channel Universal Digital I/O Module



ADAM-5018 7-Channel Thermocouple Input Module

- **Channels:** 7 differential
- **Effective resolution:** 16-bit
- **Input type:** mV, V, mA, Thermocouple
- **Input range:**
±15 mV, ±50 mV, ±100 mV,
±500 mV, ±1 V, ±2.5 V, ±20 mA
- **T/C type and temperature range:**
J 0 ~ 760° C
K 0 ~ 1370° C
T -100 ~ 400° C
E 0 ~ 1000° C
R 500 ~ 1750° C
S 500 ~ 1750° C
B 500 ~ 1800° C
- **Isolation voltage:** 3000 V_{DC}
- **Fault and overvoltage protection:**
withstands overvoltage up to ±35 V
- **Sampling rate:** 10 samples/sec. (total)
- **Input Impedance:** 2 MΩ
- **Bandwidth:** 13.1 Hz @ 50 Hz, 15.72 Hz @ 60 Hz
- **Accuracy:** ±0.1% or better
- **Zero drift:** ±0.3 mV/° C
- **Span drift:** ±25 PPM/° C
- **CMR @ 50/60 Hz:** 92 dB min
- **Power consumption:** 0.5 W (typical);
0.63 W (max)

ADAM-5024 4-Channel Analog Output Module

- **Channels:** 4
- **Effective resolution:** 12-bit
- **Output type:** mA, V
- **Output range:**
0 ~ 20 mA, 4 ~ 20 mA, 0 ~ 10 V
- **Isolation voltage:** 3000 V_{DC}
- **Accuracy:**
±0.1% of FSR for current output
±0.2% of FSR for voltage output
- **Resolution:** ±0.015% of FSR
- **Zero drift:**
Voltage output: ±30 mV/° C
Current output: ±0.2 mA/° C
- **Span temperature coefficient:**
±25 PPM/° C
- **Programmable output slope:**
0.125 ~ 128.0 mA/sec.;
0.0625 ~ 64.0 V/sec.
- **Current load resistor:**
0 ~ 500 Ω (source)
- **Power consumption:** 1.4 W (typical);
2.9 W (max)

ADAM-5050 16-Channel Universal Digital I/O Module

- **Channels:** 16
- **I/O Type:** bit-wise selectable by DIP switch
- **Digital input:**
Dry Contact:
Logic level 0: Close to GND
Logic level 1: Open
Wet Contact:
Logic level 0: +2 V Max
Logic level 1: +4 V to +30 V
- **Digital output:**
Open Collector to 30 V,
100 mA and 450 mW max. load
- **Power consumption:** 0.35 W (typical);
1.2 W (max)