

ADAM-4024

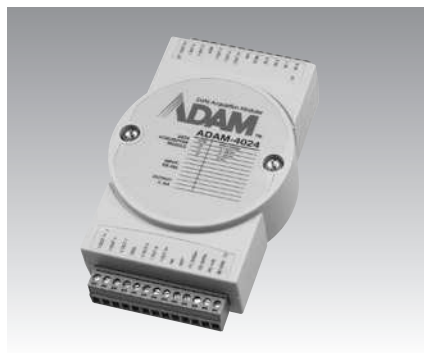
ADAM-4050

ADAM-4051

4-channel Analog Output Module with Modbus

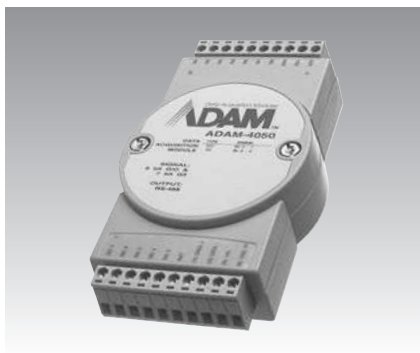
Digital I/O Module

16-channel Isolated Digital Input Module with LED & Modbus



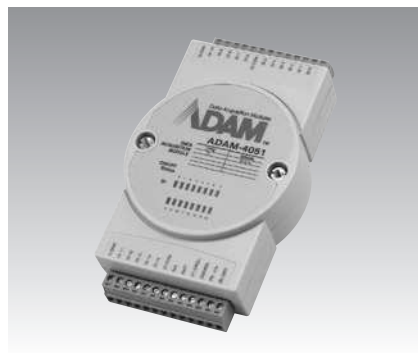
ADAM-4024

CE FCC



ADAM-4050

CE FM



ADAM-4051

CE FCC

Specifications

Analog Output

- **Effective Resolution** 12-bit
- **Channels** 4
- **Output Type** mA, V
- **Output Range** 0 to 20 mA, 4 to 20 mA, ± 10 V
- **Isolated Voltage** 3000 V_{DC}
- **Output Impedance** 0.5 W
- **Accuracy** ± 0.1 % of FSR for current output
 ± 0.1 % of FSR for voltage output
- **Resolution** ± 0.015 % of FSR
- **Zero Drift** Voltage output: ± 30 μ V/ $^{\circ}$ C
current output: ± 0.2 μ A/ $^{\circ}$ C
- **Span Temperature Coefficient** ± 25 ppm/ $^{\circ}$ C
- **Programmable Output Slope** 0.125 ~ 128 mA/sec.
0.0625 ~ 64.0 V/sec.
- **Current Load Resistor** 0 to 500 Ω (source)

Built-in Watchdog Timer

- **Isolated Digital Input** Channel: 4
level 0: +1 V max
level 1: 10 ~ 30 V_{DC}

Built-in Watchdog Timer

- **Power Requirement** Unregulated +10 ~ +30 V_{DC}
- **Power Consumption** 3 W @ 24 V_{DC}

Ordering Information

- **ADAM-4024** 4-channel Analog Output Module w/Modbus - V or mA

Specifications

Digital Input

- **Channels** 7
logic level 0: +1 V max.
logic level 1: +3.5 V ~ +30 V
pull up current: 0.5 mA,
10 k Ω resistor to +5 V

Digital Output

- **Channels** 8
open collector to 30 V,
30 mA max. load
power dissipation: 300 mW

Built-in Watchdog Timer

Power

- **Power Requirements** Unregulated +10 ~ +30 V_{DC}
- **Power Consumption** 0.4 W @ 24 V_{DC}

Ordering Information

- **ADAM-4050** Digital I/O Module

Specifications

Digital Input

- **Channels** 16
- **Input Voltage** 50 V max
- **Input Voltage level** (Configurable)
Dry contact:
logic level 0: close to GND
logic level 1: open
wet contact:
logic level 0: +3 V max
logic level 1: +10 to 50 V
- **Optical Isolation** 2,500 V_{DC}
- **Over Voltage Protection** 70 V_{DC}

Built-in Watchdog Timer

- **Power Consumption** 1 W @ 24 V_{DC} (Typical)
- **LED indicator** On: Active
Off: Non-active

Ordering Information

- **ADAM-4051** 16-channel Isolated Digital Input Module with LED and Modbus

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