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Find the *Advantech APAX-5028* at our website: ***Click HERE***

APAX-5017H
APAX-5028

12-ch High Speed Analog Input Module

8-ch Analog Output Module



APAX-5017H



APAX-5028

Specifications

General

- **Certification** CE, FCC class A
- **Dimensions (W x H x D)** 30 x 139 x 100 mm
- **Enclosure** ABS+PC
- **Weight** 175 g
- **Power Consumption** 3.5 W @ 24 V_{DC} (typical)

Analog Input

- **Channels** 12
- **Input Impedance** 2 MΩ (Voltage), 120 Ω (Current)
- **Input Type** V, mV, mA
- **Input Range** 0 ~ 500 mV, ±10 V, 0 ~ 10 V, 0 ~ 20 mA, 4 ~ 20 mA
- **Configure Different Range for Each Channel**
- **Resolution** 12-bit with accuracy ±0.1% or better of Full Scale Range (Voltage), ±0.2% or better of Full Scale Range (Current)
- **Sampling Rate** 1,000 sample/second (per channel)

* Support Integration function to eliminate field site noise at sample rate: 100 sample/second

- **Span Drift** ±25 ppm/°C
- **Zero Drift** ±6 μV/°C
- **Wire Burn-out Detection** Yes (4 ~ 20 mA only)

Protection

- **Over Voltage Protection**
- **2,500 V_{DC} Isolation Between Channels and Backplane**

Note: The voltage between any two pins must not exceed 15 V

Environment

- **Operating Temperature** -10 ~ 60°C (when mounted vertically)
- **Storage Temperature** -40 ~ 70°C
- **Relative Humidity** 5 ~ 95% (non-condensing)

Ordering Information

- **APAX-5017H** 12-ch High Speed Analog Input Module

Specifications

General

- **Certification** CE, FCC class A
- **Dimensions (W x H x D)** 30 x 139 x 100 mm
- **Enclosure** ABS+PC
- **Weight** 175 g
- **Power Consumption** 3.5 W @ 24 V_{DC} (typical)

Analog Output

- **Channels** 8
- **Output Type** V, mA
- **Output Range** ±2.5 V, ±5 V, ±10 V, 0 ~ 2.5 V, 0 ~ 5 V, 0 ~ 10 V, 0 ~ 20 mA, 4 ~ 20 mA
- **Configure Different Range for Each Channel**
- **Resolution** 14-bit with accuracy ±0.1% or better of Full Scale Range
- **Settling time** about 500 μs
- **Slew Rate** 0.7 V_{DC}/μs (per channel)
- **Span Drift** ±60 ppm/°C
- **Zero Drift** ±275 mV/°C (Voltage) ±250 mV/°C (Current)
- **Drive Voltage (Current Mode)** 15 V_{DC}
- **Load (Current Mode)** 0 ~ 500Ω

Protection

- **Short Circuit Protection**
- **2,500 V_{DC} Isolation Between Channels and Backplane**

Environment

- **Operating Temperature** -10 ~ 60°C (when mounted vertically)
- **Storage Temperature** -40 ~ 70°C
- **Relative Humidity** 5 ~ 95% (non-condensing)

Ordering Information

- **APAX-5028** 8-ch Analog Output Module

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