

ADAM-3016

ADAM-3112

ADAM-3114

Isolated Strain Gauge Input Module

Isolated AC Voltage Input Module

Isolated AC Current Input Module



ADAM-3016



ADAM-3112



ADAM-3114



Specifications

- **Voltage Specifications** Electrical input:
±10 mV, ±20 mV,
±30 mV, ±100 mV
Excitation voltage:
1 ~ 10 V_{DC} (60 mA max)
- **Voltage Output** Bipolar: ±5 V, ±10 V
Unipolar: 0 ~ 10 V
Impedance: < 50 Ω
- **Current Output** Current: 0 ~ 20 mA
Current load resistor:
0 ~ 500 Ω (Source)
- **Isolation (three way)** 1,000 V_{DC}
- **Accuracy** ±0.1% of full range
- **Bandwidth** 2.4 KHz (typical)
- **Stability (temperature drift)** 150 ppm (typical)
- **Isolation Mode Rejection** >100 dB @ 50 Hz/60 Hz
- **Operating Temperature** -10~ 70° C (14~158° F)
- **Power** Range: 24 V_{DC} ±10%
Consumption:
≤ 1.85 W
(voltage output)
≤ 2.15 W
(current output)

Ordering Information

- **ADAM-3016** Isolated Strain Gauge Input Module

Specifications

- **Voltage Input** V_{AC}: 0 ~ 450 V
Input impedance: 2 MΩ
- **Voltage Output** Unipolar output: 0 ~ 5 V
Impedance: < 50 Ω
Drive: 10 mA maximum
- **Isolation (three way)** 1,000 V_{DC}
- **Accuracy** ±0.1 % of full range
- **Stability (temperature drift)** 150 ppm (typical)
- **Isolation Mode Rejection** >100 dB @ 50/60 Hz
- **Operating Temperature** -10 to 70° C
(14° ~ 158° F)
- **Power** Range: 24 V_{DC} ± 10 %

Ordering Information

- **ADAM-3112** Isolated AC Voltage Input Module

Specifications

- **Current Input** I_{AC}: 0 ~ 5 A
- **Voltage Output** Unipolar output: 0 ~ 5 V
Impedance: < 50 Ω
Drive: 10 mA maximum
- **Isolation (three way)** 1,000 V_{DC}
- **Accuracy** ±0.1 % of full range
- **Stability (temperature drift)** 150 ppm (typical)
- **Isolation Mode Rejection** >100 dB @ 50/60 Hz
- **Operating Temperature** -10 to 70° C
(14° ~ 158° F)
- **Power** Range: 24 V_{DC} ± 10 %

Ordering Information

- **ADAM-3114** Isolated AC Current Input Module

1

IPPC & AWS

2

TPC

3

FPM

4

ATM

5

DA&C

6

cPCI

7

ADAM-3000

8

eConnectivity

9

ICOM

10

Software

11

UNO-2000/3000

12

VBOX

13

ADAM-4000

14

ADAM-5000

15

ADAM-6000

16

ADAM-8000