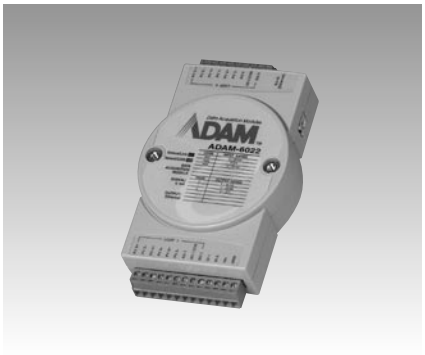
# ADAM-6022
# ADAM-6000

## Ethernet-based Dual-loop PID Controller

## Series Dimensions



ADAM-6022

CE FCC

## Specifications

### General

- **Dimensions (W x H x D)** 70 x 112 x 25 mm
- **Loop Number** 2 (3 AI, 1 AO, 1 DI, 1 DO for each control loop)
- **Power Consumption** 4 W (typical)
- **LAN** 10/100Base-T

### Analog Input

- **Accuracy** ±0.1 % or better
- **Bandwidth** 13.1 Hz @ 50 Hz
  15.72 Hz @ 60 Hz
- **Channels** 6 differential
- **CMR @ 50/60 Hz** 92 dB min.
- **Resolution** 16 bits
- **Input Impedance** 20 MΩ
- **Input Range** 0 ~ 10 $V_{DC}$, 0 ~ 20 mA, 4 ~ 20 mA
- **Isolation Voltage** 2,000 $V_{DC}$
- **Sampling Rate** 10 samples/sec.
- **Span Drift** ±25 ppm/° C
- **Zero Drift** ±6 μV/° C

### Analog Output

- **Accuracy** 0.05% of FSR
- **Channels** 2
- **Drift** ±50 ppm/° C
- **Drive Voltage** 15 $V_{DC}$ (current output)
- **Isolation Voltage** 2,000 $V_{DC}$
- **Output Range** 0 ~10 $V_{DC}$, 4 ~ 20 mA, 0 ~ 20 mA
- **Resolution** 12 bits

### Digital Inputs

- **Channels** 2

  Dry Contact: Logic level 0: close to GND
  logic level 1: open

  Wet Contact: Logic level 0: +3Vmax
  Logic level 1: 10~30 $V_{DC}$

### Digital Outputs

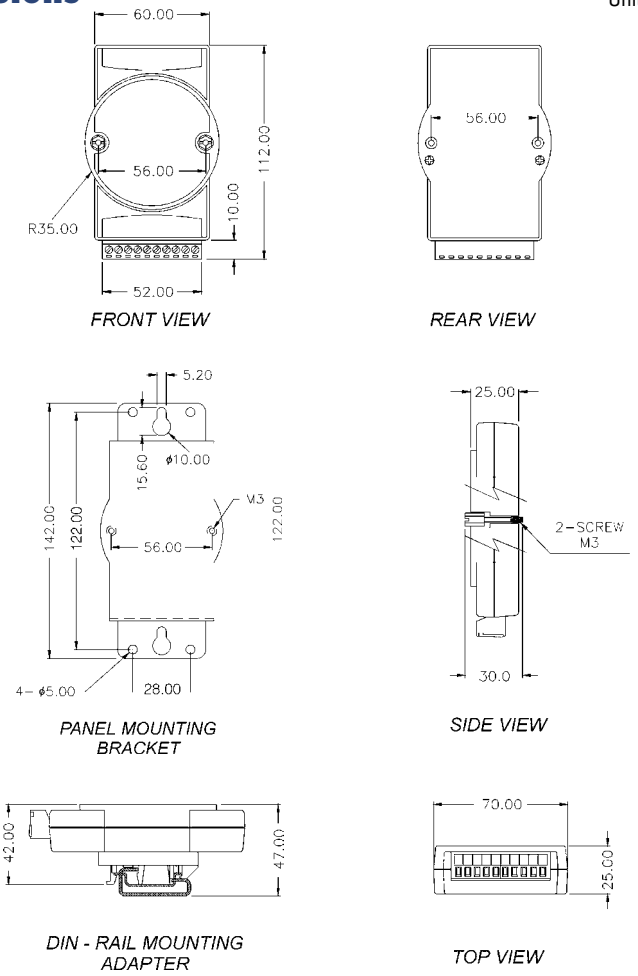
- **Channels** 2
  Open Collector to 30 V
  100 mA max. load

### Environment

- **Humidity (Operating)** 20~95% RH,(non-cond)
- **Humidity (Storage)** 0~95% RH, (non-cond.)
- **Operating Temperature** -10~50° C
- **Storage Temperature** -20~80° C

## Dimensions

Unit: mm




## Ordering Information

- **ADAM-6022** Dual-loop PID Controller

## Software Ordering Information

- **PCLS-OPC/MTP** Modbus/TCP OPC Server
- **AStudio-WNT/DEV** Astudio-WNI/PRO Web-enabled HMI/SCADA Software