

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** $\pm 0.1\%$ 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 M Ω
- **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/ $^{\circ}$ C
- **Zero Drift** ± 6 μ V/ $^{\circ}$ C

Analog Output

- **Accuracy** 0.05% of FSR
- **Channels** 2
- **Drift** ± 50 ppm/ $^{\circ}$ 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: +3V_{max}
Logic level 1: 10~30 V_{DC}

Digital Outputs

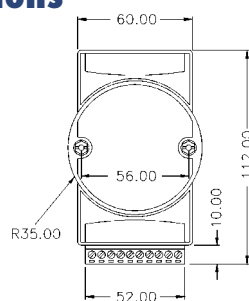
- **Channels** 2
- **Open Collector to 30 V**
100 mA max. load

Environment

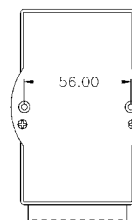
- **Humidity (Operating)** 20~95% RH, (non-cond)
- **Humidity (Storage)** 0~95% RH, (non-cond.)
- **Operating Temperature** -10~50 $^{\circ}$ C
- **Storage Temperature** -20~80 $^{\circ}$ C

Dimensions

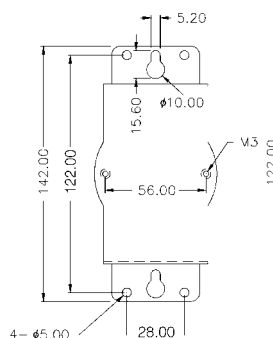
Unit: mm



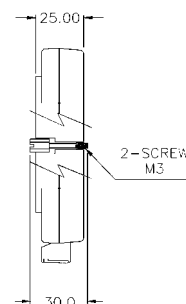
FRONT VIEW



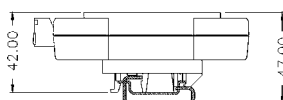
REAR VIEW



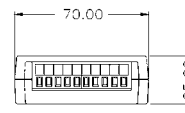
PANEL MOUNTING
BRACKET



SIDE VIEW



DIN - RAIL MOUNTING
ADAPTER



TOP VIEW

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