



A1-10 6 Input Analog (4-20mA) Pod

Use this Pod to Monitor....

- Ambient Temperature
- Current Sensors

Features

Ambient Temperature Sensor

- Temperature Range: -40°C to +70°C
- Typical Accuracy at 25°C: ±1.4°C
- Typical Accuracy over Full range: ±2.1% full Span
- Measurement Resolution: 0.21°C

Digital Inputs (Contact Closure)

- Number of Inputs: 2
- Zero Input Voltage: 0 to 0.5Vdc (or Shorted Input)
- High Input Voltage: 2.4 to 10Vdc (or Open Circuit)

Analog Current Inputs

- Number of Inputs: 6
- Current Range: 0 to 20mA
- Typical Accuracy: ±0.29% Full Scale
- Measurement Resolution: 4.883 mV
- Loop Impedance: 120Ω

General Specifications

Physical Size

- 3.5 in x 3.25 in x 2in. (89mm x 83mm x 51mm)
- Weight: 8 oz. (227g)

Power Options

- 100-240Vac 50-60Hz
- DC Input 4-7Vdc
- 3 x AA Batteries (6 month life at 5 minute sampling intervals)

Wireless

- Range: 250ft Outdoors, 90ft Indoors
- Topology: Mesh
- Standard: IEEE 802.15.4
- Frequency: 2.4GHz DSS
- Power Output: -0.79dBm

Sampling Rate

- User Settable 30sec – 24hrs

Emergency Data Storage

- 250 Samples per Sensor

Operating Environment

- -40°C to 70°C, 5-95%rh
Non-Condensing
When using Lithium batteries
With Alkaline batteries -20°C to 50°C

Accessories

- **E1-22** ISO 17025 NIST Traceable Calibration Certificate Available
- **E1-16** External Battery Pack



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