

Universal Input Module



Description

The SCADA 3000 Universal Input Module is an optional component for use with the SCADA 3000 system. The input channels are identical to those included on the SCADA 3000 main unit. The Universal Input Module features eight channels that can be configured to interface with several different types of sensors and transducers, including: Normally Open/Normally Closed dry contacts, digital logic, Run time accumulation, 0–5V analog, 4–20mA analog and 10K thermistor (°C & °F). The module features 12-bit resolution, differential inputs, 24V supply for powering 4–20mA loops and low-power operation. Each input is protected by a 1500 Watt transient suppressor. In addition, a microprocessor watchdog circuit is integrated to maintain system reliability. LED indicators are provided to show system power and module operation via a blinking pulse LED.

Package Contents

- (1) SCADA 3000 Universal Input Module
- (1) Mounting Hardware

Specifications

8 Universal Inputs

Configurable as:

Normally Open/Normally Closed Dry Contact, Run Time, 0-5V Analog Voltage, 4-20mA Current Loop, 10K Thermistor

10K Thermistor Range

-100° to 300°F (-75° to 150°C)

Operating Temperature:

0° to 70°C (32° to 158°F)

24V Output Current:

160mA max

Power Requirements:

10-15VDC 100mA (typical) / 420mA(max)

Dimensions:

6.1" x 6.3" x 1.2"

Weight:

.75lbs

Enclosure:

Aluminum housing with integral mounting flanges for wall or panel installation.

Description	Part Number
SCADA 3000 Universal Input Module.	FGD-3010