

AIC 200 Micro-based 1/4 DIN Single Loop Controller

Introduction

The AIC 200 is a 1/4 DIN microprocessor based, single loop controller. It will control a variety of processes including those requiring simple on-off to dual 4-20mA outputs with full PID. Thermocouple and RTD linearization are automatic. Thermocouple cold junction compensation is also accomplished automatically. Input type changes are easily made by an operator. The AIC 200 is designed to provide reliable operation in sanitary environments.

An advanced input circuit design, an efficient switching power supply, and self diagnostics provide for a high degree of immunity to environmental electrical noise, reduce heat build-up, and increase instrument life. The AIC 200 is one of the easiest controllers to use with all operations and programming done with a minimum of keystrokes. The keypad features 3 large keys with tactile feedback that respond crisply even when an operator is wearing gloves.

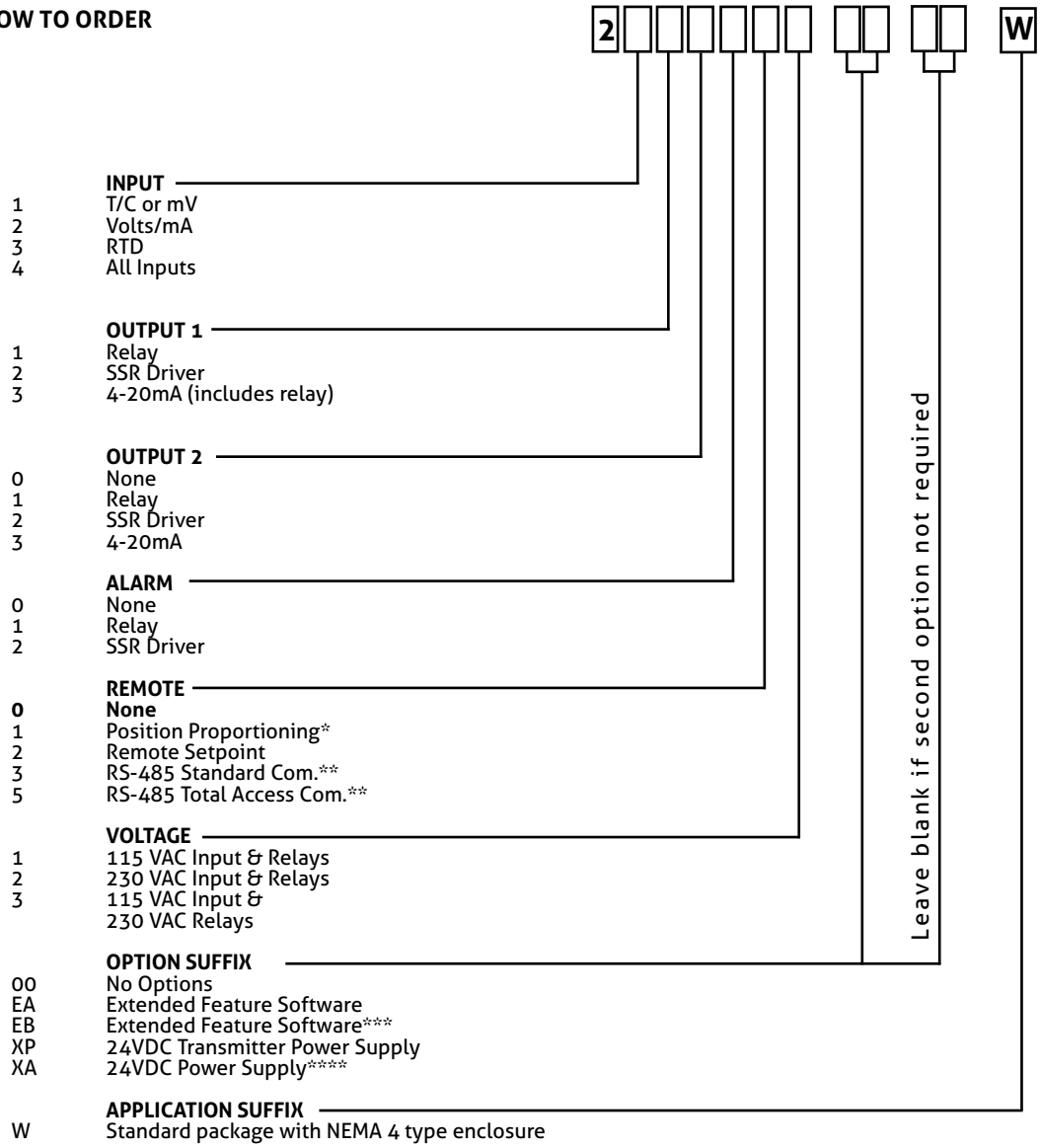
Features

- Inputs can include thermocouple, RTD, millivolt, volt, and milliamp.
- Standard features include: isolated process input, setpoint and output limits, on-off hysteresis and .56 inch high LED's that will display process, setpoint, deviation, or percent output.
- Optional features include: single or dual 4-20mA output for control or process retransmission value, up to 3 relay outputs, three types of alarms, remote setpoint input, electric motor modulation, 24V transmitter power supply and RS-485 communications.
- Available control types include on-off, time proportioning, current proportioning, dual output, and position proportioning.
- Provides a high level of accuracy with a measurement error limit of $\pm 0.25\%$ of reading.
- Access to configuration procedures and setpoint may be restricted by using the instrument's security access mode.



AIC 200 1/4 DIN Single Loop Controller Ordering

HOW TO ORDER



Agency Approvals: UL Approved for USA, UL Certified in Canada

- * Limited to Model 2X11X1X or 2X22X1X.
- ** Cannot be included when Output 2 selection is 3.
- *** Suffix Option EB includes the EA features.
- **** Cannot be ordered when Output 3 (Alarm) selection is 1 or 2.

Note: RS-485 Total Access Com. includes Options EA and EB at no charge, therefore do not include them with this option.