

## 1 - MOUNT TO PANEL

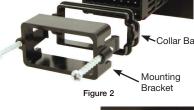
(1.78 in.)

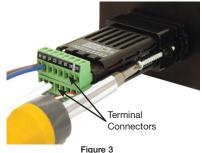
Figure 1

**NOTE:** Mounting requires access to the back of the panel.

- 1. Make the panel cutout using the measurements in figure 1.
- 2. Remove the green terminal connectors and the mounting collar assembly.
- 3. Insert the controller into the panel cutout from the front.
- 4. Orient the collar base so the flat side faces front and the screw openings are on the sides (see figure 2), then slide the base over the back of the controller.
- 5. Slide the mounting bracket over the controller with the screws aligned to the collar base. Push the bracket gently but firmly until the hooks snap into the slots in the case.
- 6. Tighten the two #6-19 x 1.5 in. screws with a phillips screwdriver until the device is flush to the panel (3 to 4 in-lbs torque).
- Reinstall the terminal connectors to their original locations. (Or first connect field wiring as indicated in this guide and then reinstall the connectors).



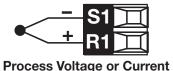




## 2 - CONNECT THE SENSOR INPUT

Connect your sensor as indicated in the diagram for your sensor input. Figure 4 is an example illustrating the connection shown for a Thermocouple.

#### Thermocouple



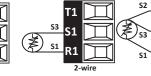
Current: 0 to 20 mA @ 100Ω

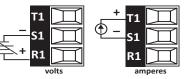
Platinum  $100\Omega$  or  $1000\Omega$  RTD

Figure 4: Thermocouple Wiring Example

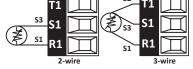
20Ω max, round trip lead resistance

K1 W1 Y1 L2 K2





Voltage: 0 to 50 mV or 0 to 10V@ 20kΩ





PM3\_ [E] \_ AAAN\_ :

December, 2020

# Refer to the wiring diagram for your configuration 3 - WIRE OUTPUT 1 code and connect to the slots indicated. PM3 [C] AAAG : Switched DC or Open Collector Internal Circuit **Open Collector** Power Supply + )=



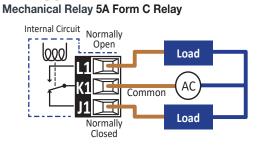
# PM3\_\_\_[J]\_AAAG\_\_: Mechanical Relay 5A Form A Relay Normally Open Internal Circuit Commo

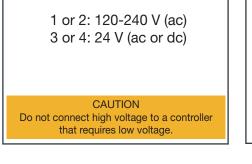
4 - WIRE OUTPUT 2

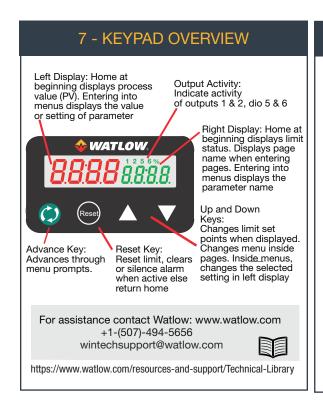


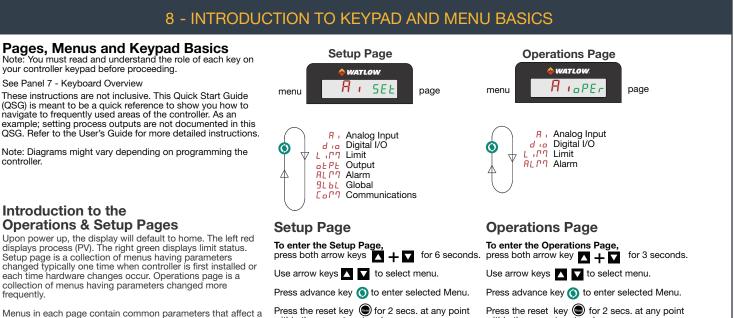
5 - CONNECT POWER



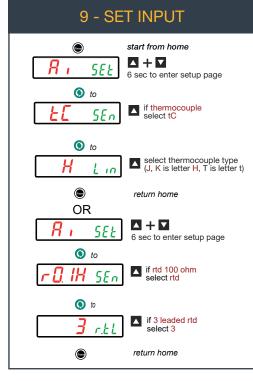


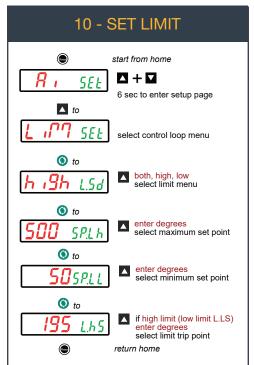


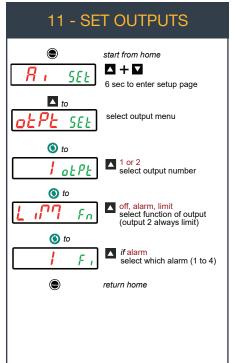




within the menu to return home.







Pages, Menus and Keypad Basics

your controller keypad before proceeding.

See Panel 7 - Keyboard Overview

Introduction to the

°C as default is °F.

**Operations & Setup Pages** 

Note: You must read and understand the role of each key on

These instructions are not inclusive. This Quick Start Guide (QSG) is meant to be a guick reference to show you how to

example: setting process outputs are not documented in this

QSG. Refer to the User's Guide for more detailed instructions.

Note: Diagrams might vary depending on programming the

Upon power up, the display will default to home. The left red

changed typically one time when controller is first installed or

displays process (PV). The right green displays limit status.

Setup page is a collection of menus having parameters

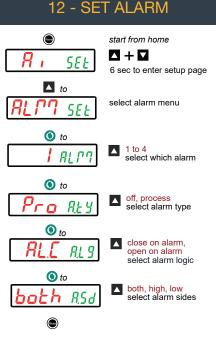
each time hardware changes occur. Operations page is a collection of menus having parameters changed more

particular function of the controller, Ex. Analog Input, Limit. Outputs and Alarms are commonly used functions. Parameters

are grouped for each function. The Global function is where to

set the display units between °F and °C. Set units first if using

navigate to frequently used areas of the controller. As an



within the menu to return home.

