

4-20mA Input • Relay Setup

Step 1:

First, you need to set the Main Action for each relay. To do this push the **SET UP RUN** button to get this screen. From here push the **CONFIGURE** (Button 7) to go to the next screen.

```

>HOME SETUP<
SETPOINTS          DATE/TIME
CALIBRATION        CONFIGURE
TIMERS             HISTORY
CUSTOMIZE          WATER METER
ALARMS             RELAYS
    
```

Step 2:

This is the Configure Screen. From here push the **RELAYS** (Button 2) to go to the next screen.

```

>CONFIGURE<
PASSWORD          CONTRAST
RELAYS            TEMP SCALE
HISTORY           SYS INFO
                  FACTORY
    
```

Step 3:

This is the Configure Relays screen. From here push the **RELAY** desired then go to the next screen.

```

>CONFIG RELAYS<
RELAY 1
RELAY 2
RELAY 3           6 TO 10
RELAY 4
RELAY 5
    
```

Step 4:

This is the Relay Setup Screen. From here push the **MAIN ACTION** (Button 1) to go to the next screen.

```

>RELAY 5 SETUP<
MAIN ACTION - OFF  DISABLE 1
ACTIVATOR 2       DISABLE 2
ACTIVATOR 3       DISABLE 3
ACTIVATOR 4       DISABLE 4
                  00 - DAILY MAX
    
```

Step 5:

From here select the Main Action that is going the drive your relay by using the Arrow buttons. Then press **ENTER**. **Note:** You may need to repeat this for each Relay to ensure that each one has the correct action(s) assigned to it for your application.

```

>RELAY 5 SETUP<
MAIN ACTION - OFF  DISABLE 1
ACTIVATOR 2       DISABLE 2
RELAY 5           => mA INPUT 1
USE UP/DOWN KEYS TO CHANGE
PRESS ENTER TO ACCEPT
    
```

Step 6:

Next you may need to assign additional Activators or Disablers for a relay. For example a relay with a Main Action of a mA INPUT set point may need to have a Disabler for a no flow alarm. From the Relay Setup screen select Disabler 1 (Button 6) to go to the next screen.

```

>RELAY 5 SETUP<
MAIN ACTION - OFF  DISABLE 1
ACTIVATOR 2       DISABLE 2
ACTIVATOR 3       DISABLE 3
ACTIVATOR 4       DISABLE 4
                  00 - DAILY MAX
    
```

Step 7:

Select the action to disable relay using the Arrow buttons. Then press **ENTER** and **BACK** to select more Disablers or **HOME** if finished.

```

>RELAY 5 SETUP<
MAIN ACTION - OFF  DISABLE 1
ACTIVATOR 2       DISABLE 2
RELAY 5 DISABLE 1
=> SYS1 NO FLOW
USE UP/DOWN KEYS TO CHANGE
PRESS ENTER TO ACCEPT
    
```

Step 8:

You may want to define a **DAILY MAX** of accumulated hours the relay can be on in a 24 hour period. If the max is reached the relay is forced OFF for the rest of the day. This auto resets at midnight each day.