

– MegaTron Quick Steps —

MegaTronXS 4-20mA Output Programming

Defining the mA Output

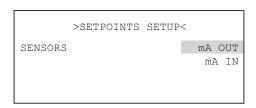
Step 1:

Push the **SET UP RUN** button to get this screen. From here push **SETPOINTS** (Button 1) to go to the next screen.

>H	IOME	SETUP<	
SETPOINTS			DATE/TIME
CALIBRATION			CONFIGURE
TIMERS			HISTORY
CUSTOMIZE			TOTALIZERS
ALARMS			RELAYS

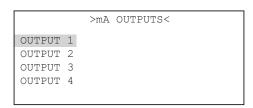
Step 2:

Press 6 for mA OUT



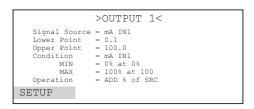
Step 3:

Press 1 for OUTPUT 1



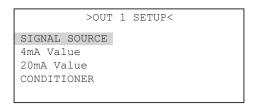
Step 4:

Press 5 for **SETUP**



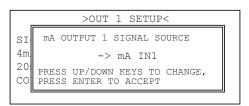
Step 5:

Press 1 for SIGNAL SOURCE



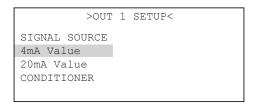
Step 6

Arrow up until you get to the desired source for the output you want.



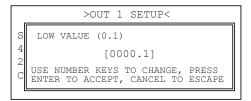
Step 7:

Press 2 for 4mA Value



Step 8:

Enter the source reading that you want the output signal to be at 4mA.





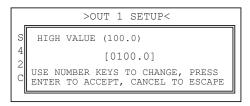
Step 9:

Press 3 for 20 mA Value

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>OUT 1 SETUP<
SIGNAL SOURCE
4mA Value
20mA Value
CONDITIONER
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Step 10:

Enter the source reading that you want the output signal to be at 20mA.

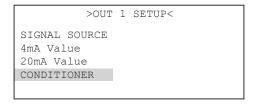


Signal Conditioning

A mA output can be conditioned or modified by another analog reading. This allows for two analog readings to be blended into one mA output.

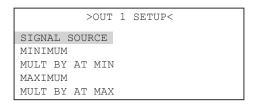
Step 1:

Select CONDITIONER from mA output setup.



Step 2:

Select the second signal source that will act as the conditioner to the mA output.



Step 3:

Define the Minimum value of the conditioner and how much the output is to be multiplied by at that reading.

Step 4:

Define the Maximum value of the conditioner and how much the output is to be multiplied by at that reading.

Operation:

The conditioner settings can reduce or increase the output based on the multiplication factors used for being at the MIN and MAX conditioner settings but is limited to the 4-20 mA range.

