

	SONARtrac® Technical Note		
	TN0008		Date:21Oct25
	Subject: Setting and Changing 4-20mA Output Settings		Revision 03
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Question:

How do I set and change the transmitter 4-20mA output settings?

(Section **A** – legacy SONARtrac, Section **B** - SONARtrac digital)



legacy SONARtrac



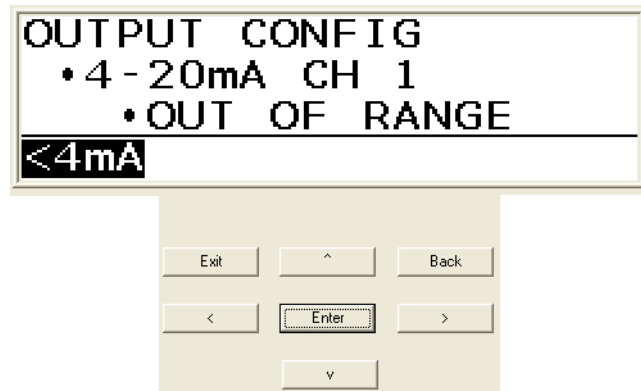
SONARtrac digital

Answer:

- A.** For SONARtrac legacy models the 4-20mA output settings are easily changed from the transmitter keypad. Proceed as follows.
1. Press any key (except ENTER) on the transmitter keypad and the meter will go into Menu Mode and 'BASIC CONFIG' will appear on Line 1 of the display.
 2. Press the ↓ key and 'OUTPUT CONFIG' will appear on Line 1 of the display.
 3. Press the **ENTER** key and '→4-20mA CH 1' will appear on Line 2 of the display.
 4. Press the **ENTER** key and '→OUTPUT SEL' will appear on Line 3 and the current output selection will be displayed on Line 4 of the display.
 5. If the '→OUTPUT SEL' setting is to be changed, press the **ENTER** key and scroll to the desired output and press the **ENTER** key.
 6. If the '→OUTPUT SEL' setting is not to be changed, press the **ENTER** key and scroll to the desired output and press the ↓ key and scroll to the setting to be changed.
 7. For example, to change the '→OUTPUT OF RANGE' setting from <4mA to 4mA proceed as follows:
 - a. Scroll until '→OUT OF RANGE' appears on Line 3. Line 4, in this example, will display '<4mA'.
 - b. Press the **ENTER** key and '<4mA' will be highlighted on Line 4 of the display.
 - c. Press the ↓ key until '4mA' appears on Line 4 of the display.

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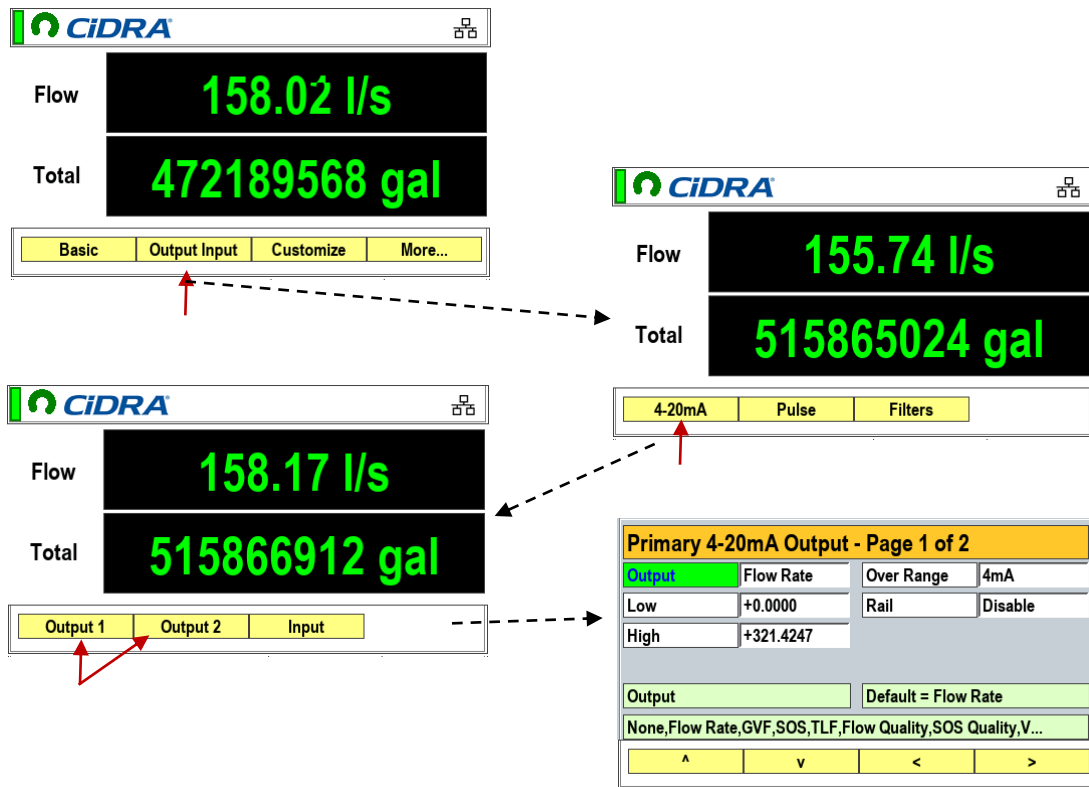
- d. Press the **ENTER** key and '<4mA' will no longer be highlighted and this value will be set in the transmitter 4-20 Channel 1 configuration.
- e. Press the **EXIT** key to return the meter to Operational Mode.

B. For SONARtrac *digital*

1. Press any of the lower four soft keys to get menu options
2. Press the soft key beneath the **Output Input** menu item
3. Press The soft key beneath the **4-20mA** menu item
4. Press the soft key beneath the 4-20mA Output selection that is to be changed

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5. Use the arrow keys and the ENTER button to make the desired revisions

Please contact CiDRA Technical Support if there are any questions.

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Revision History

Rev	Date	Changed By	Approved By	Change Description
01	8/28/07	B. Markoja	M. Sapack	Initial Release
02	7/30/08	B. Markoja	B. Markoja	Revision 2
03	10/21/25	T. Griffin	T. Griffin	Added <i>SONARtrac digital</i> info

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