




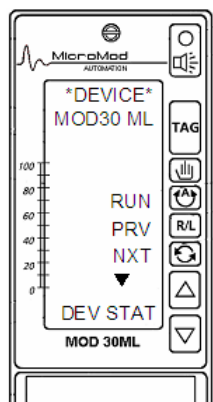

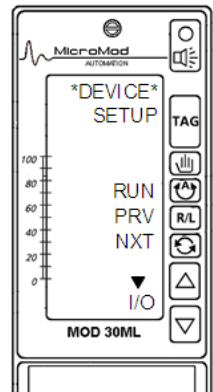

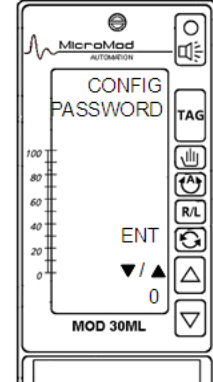
**TECHNOTE NUMBER:** TN-MOD-0012





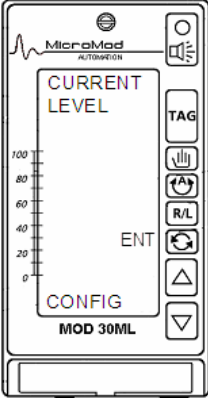


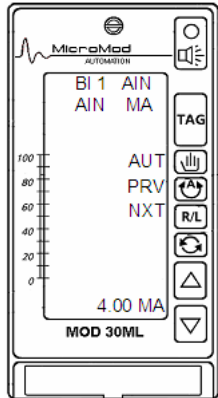


**SUBJECT:** How to view and verify actual I/O values in MOD 30ML

**APPLIES TO:** MOD 30ML Controllers

**DATE:** August 2011

A typical MOD 30ML configuration displays field signals in engineering units. If the MOD30ML controller does not appear to be reading field inputs or sending field outputs, or the level of the signal does not appear to be correct, this procedure provides a means of verifying the signal level being received at the controller terminations.

	<p>Press and hold the TAG key until the DEVICE display appears</p>	
	<p>Press the NXT key twice. Line 6 should indicate I/O.</p>	
	<p>Press the DOWN arrow key. The top lines should indicate 'CONFIG PASSWORD'.</p>	

	<p>Press the UP key six times</p> <ul style="list-style-type: none"> <li>• Lines 5 and 6 begin to flash</li> <li>• Lines 3 and 4 indicate FST (fast) and SLO (slow)</li> <li>• Line 6 indicates 5</li> </ul>	
	<p>Press the FST key</p>	
	<p>Press the UP key seven times</p> <ul style="list-style-type: none"> <li>• Line 6 should now indicate 75</li> </ul>	
	<p>Press the ENT key. The display should now appear as shown at the right.</p>	
	<p>Press the ENT key again</p>	
	<p>To view the first input signal value: Press the DOWN key one time The display indicates the value of Built In Analog Input 1 (for example, 4.00 mA)</p>	
	<p>Press the NXT key to see the next input.</p>	
	<p>When you have finished looking at the I/O values press the TAG key to return to normal operation.</p>	

Note that any input or output may be placed in Manual mode by pressing the Manual key, and the value can be directly manipulated using the up/down arrow keys. BE SURE TO PLACE ALL I/O IN AUTO BEFORE RETURNING TO NORMAL OPERATION or the control strategy will not function properly.