

FAQ - Frequently Asked Questions

Product: SITRANS F C MASS 6000
Technology: Coriolis
Department: I IA SC PS3
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QUESTION

Why Does My SITRANS F C MASS 6000 Programmed For Digital Pulse Output Give Off No Pulses When There Is Flow?

ANSWER

There can be several reasons for the lack of pulse output:

1. The flow is reverse, and the pulse output is programmed for unidirectional output.
This situation can be solved in the following ways:
 - Change the flow direction in the sensoror
 - Program the flow direction to reverse (MASS6000 menu -> basic settings -> flow direction...)or
 - Program the pulse output to bidirectional (MASS6000 menu -> output -> digital output...)

Further Information

For further information please see **mySupport** at <http://support.automation.siemens.com>
www.siemens.com/flow

2. The selected pulse width is too narrow.
The connected equipment cannot detect any pulses.
Increase the pulse-width (MASS6000 menu -> output -> digital output...)

3. The output load resistance is too low.
In active mode (no external supply connected), the output can source a current of max. 30 mA, the min. load resistance being 800 Ω .
 - Check the load resistance (MASS6000 menu -> service mode -> digital output...)
 - Force the output high and measure the voltage across terminals 57 - 58.If the voltage is larger than 22 Volt, the load conditions are OK.

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