



**JX2-PID1**  
**Version Update**  
**from V1.05 to V1.07**



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# 1 Introduction

Overview of Version Updates			
Version	Description	New	Fixed
This overview is available since version update V1.05 to V1.07. V1.06 has not been published.			
JX2-PID1	Incorrect voltage values for analog outputs without controller reference		✓
V1.07	Incorrect closed-loop control when using output limitation		✓

## **2 Fixed Software Bugs**

### **2.1 Analog outputs provide incorrect values**

Analog outputs which have not been assigned to a controller could output incorrect voltages if at the same time analog outputs were used which have been assigned to a controller.

### **2.2 Error in the case of output limitation**

If several controllers are used and if at least for one controller the output limitation has been set to a value other than the maximum value, incorrect control action may result. This is the case, if the calculated output value falls below the lower limit or exceeds the upper limit. As a consequence of this the integral-action component may be calculated incorrectly.