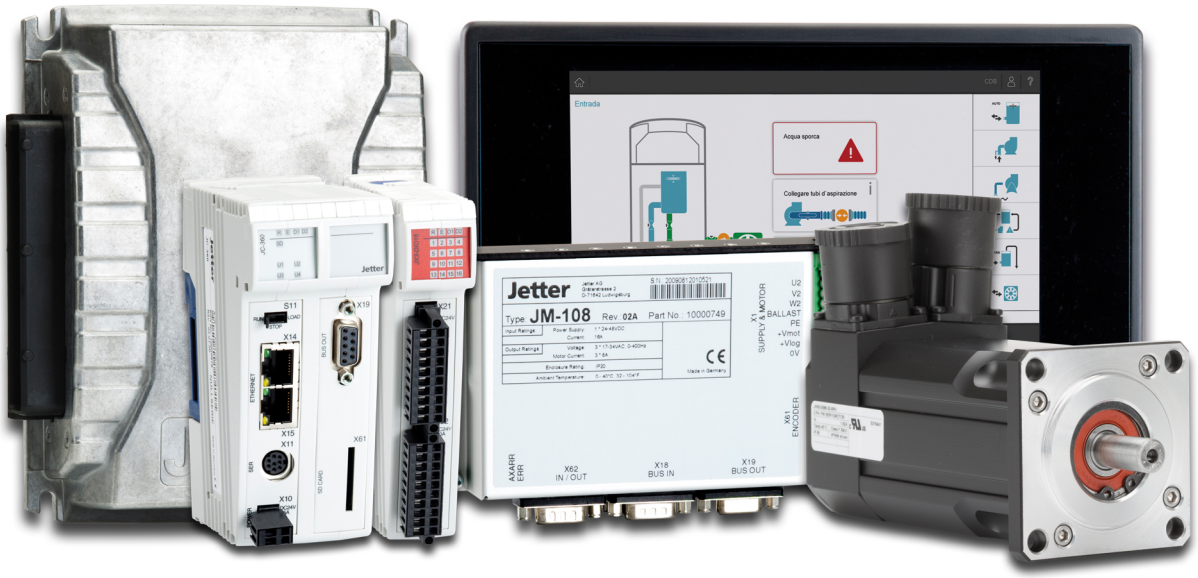
Jetter automation



JX3-THI2-RTD-EI

Version Update from V. 2.01 to V. 2.04

We automate your success.

Revision 1.00
October 2015 / Printed in Germany

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1 Introduction

Introduction

This chapter shows the history of OS versions.

Operating system update - Why?

An OS update lets you enhance the functionality of your device by

- adding new functions
- fixing software bugs
- installing an OS of a specific version after its release

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Updating the operating system

OS file for an operating system update

For an OS update, you will need the following file:

OS file	Description
JX3-THI2-RTD-EI_2.04.0.00.os	Operating system file for JX3-THI2-RTD-EI with version 2.04.0.00.

Downloading the OS file

Jetter AG make OS files available for download from their **homepage http://www.jetter.de**. OS files can be found in the support area. Another option is to follow the quick link on the JX3-THI2-RTD-EI page.

OS update by means of JetSym

To update the OS, proceed as follows:

Step	Action
1	Download the OS file from www.jetter.de.
2	Establish a connection between PC and controller.
3	In JetSym, navigate to menu item "Build", then click "Update OS...".
4	Select the OS file.
5	Depending on the controller and the module the following information has to be entered: ■ Module number ■ Submodule position ■ Slave number ■ I/O module number
6	Start the operating system update by clicking OK.
7	**Result:** Following Power OFF/Power ON the new OS is launched.

JX3-THI2-RTD-EI version update - Overview

V. 2.04

The following table gives an overview of newly added features and fixed software bugs in OS version 2.04:

Function	New	Fixed
JX3-THI2-RTD-EI:		
Fixed software bug of the A/D converter		✓

2 Fixed software bugs

Introduction

This chapter describes the software bugs which have been fixed in the new OS version.

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Fixed software bug of the A/D converter

Symptoms

In (the slowest) precision mode, incorrect measuring values can occur caused by overflow under the following conditions: Mere resistance measuring outside the ranges listed below:

- For PT100: 18 ... 391 Ω
- For PT1000: 185 ... 3,905 Ω

In the specified temperature range (-200 °C ... 850 °C) of the respective sensors, no problem occurs.

The tolerance towards EMI disturbances has been increased on the digital part. A cable break is detected earlier.

Affected versions/revisions

The following versions/revisions are affected by this bug:

OS version	< 2.04.0.00
Hardware revision	Not relevant
Configuration or operating mode	Not relevant

Remedy/workaround

There is no remedy for the affected versions/revisions.

Remedy

Starting from the following versions/revisions this bug has been fixed:

OS version	2.04.0.00
Hardware revision	Not relevant
Configuration or operating mode	Not relevant

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