

# Field<sup>IT</sup> Temperature Transmitter PROFIBUS-PA TF12 / TF212 1.16.4

Industrial<sup>IT</sup>  
enabled™

## Version Information



**ABB**



**Field<sup>IT</sup>**  
**Temperature Transmitter PROFIBUS-PA**  
**TF12 / TF212**  
**1.16.4**

# Version Information

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## **CE MARKING**

This product meets the requirements specified in EMC Directive 89/336/EEC and in Low Voltage Directive 73/23/EEC.

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## 1. Introduction

### Abbreviations / Symbols

This publication includes **Warnings**, **Cautions** and **Information** issues where appropriate to point out safety-related or other important information. It also includes **Tips** to point useful hints to the reader. The corresponding symbols should be interpreted as follows:



**Warnings** indicate the presence of a hazard which could result in personal injury.



**Cautions** indicate the presence of a hazard which could result in equipment or property damage.



**Information** alerts the reader to pertinent facts and conditions.



Indicates special conditions for meeting explosion protection requirements.

Although **Warning** hazards are related to personal injury, and **Caution** hazards are associated with equipment or property damage, it should be understood that operation of damaged equipment could, under certain operational conditions, result in degraded process performance leading to personal injury or death. Therefore, comply fully with all **Warning** and **Caution** notices.

## Firmware revision history

<b>1.16.0 (1.16)</b>		
<b>1.16.1</b>	August 2004	Correction startup at 2 x 3 wire resistor. This version was not released.
<b>1.16.2</b>	October 2004	Improved startup behavior
<b>1.16.3</b>	April 2005	Improved sensor monitoring
<b>1.16.4</b>	June 2005	Bugs from Version 1.16.3 corrected 1- No aktualized measure value if temperature > 1000 °C 2- Devicereset after Factory Reset

## Compatibility

<b>Interface</b>	<b>Recom. revision level</b>	<b>Supported compatible revision levels</b>
GSD ABB_04C4.GSD	1.1.0	1.0.3 →
DTM (FDT 0.98)	last released (newest)	all released
DTM (FDT 1.2)	last released (newest)	all released
EDD (für PDM)	1.2.0	1.2.0 →

The file name of the device data file (GSD file) is stipulated by the standard and, therefore, must not include the revision level. However, the engineering tool usually permits to indicate the GSD file revision number as a comment in the header when opening the file.

## Limitations

None.

## Applicable reference documents

<b>Topics / Documents</b>	<b>Reference document No.</b>
Manual TF12	3BDD015005
Datasheet TF12 / TF12-Ex	10/11-8.26 DE
Datasheet TF212 / TF212-Ex	10/11-8.70 DE
Manual Linking Device LD800P	3BDD011704

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Manual Multibarriere MB204	42/63-15 DE
DPV1 Object Dictionary TF12 / TF212	3BDD015007



## **2. Functions description**

### **Functions not yet released**

None.

### **New functions**

Signal filter implemented.

### **Modified functions**

1. Temperatures over 1000°C were no more updated due to an error (only in version 1.16.3)
2. After a Factory RESET an device RESET was accomplished (only in version 1.16.3)

Both errors were corrected.

### **Functions that are no longer supported**

None

### **Identified problem areas and remedial measures**

None.

### **Corrected behavior**

None

## **Recommendations**

None.



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