



## MANUFACTURER'S DECLARATION

ABB No. 28 – 2007

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### Test Item, Tests, Test Results

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**Manufacturer:** ABB Automation Products GmbH  
Borsigstrasse 2  
D-63755 Alzenau

**Type of unit:** Temperature Transmitter Type TTR200-E2., TTR300-E2...  
for use in Zone 2

**Type identification:** TTR200, TTR300

**Ordering number:** TTR200-E2., TTR300-E2...

**Electrical characteristics:**  $U_n \leq 30V$  DC (protective extra-low voltage PELV)

**Unit category 3 Application**

Temperature class	T6	T5	T4 ...T1
Permissible ambient temperature range	-40°C...+56°C	-40°C ...+71°C	-40°C ...+85°C

**Remarks:** The Temperature Transmitter Type TTR200-E2., TTR300-E2... must be built into an enclosure which guarantees a minimum protection degree of IP 54 in accordance with IEC Publication 60529: 1989






Appropriate measures should be taken to ensure that in the environment surrounding the appliance, the protective device for checking transient effects can be adjusted to a value not exceeding 40% of the rated voltage at the power connecting points.


**Operation:** The Temperature Transmitter Type TTR200-E2., TTR300-E2... can be operated as a unit in Zone 2 if the electrical characteristics of Category 3 are respected.  
At installation time respect DIN EN 60079-14 (VDE 0165 Part 1).

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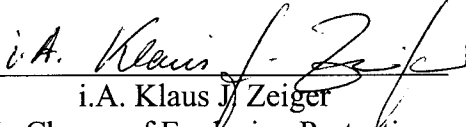
Example TTR200 :

	Automation Products GmbH Alzenau Germany 2008		<b>TTR200</b>
O-Code : TTR200-E2.../OPT 8323455772 Ser. No. 123456789012			
Us=+12...30V, Ia= 4...20 mA, HART Cfg. 2xTC; Type K; 0...300°C Ta=-40...+85°C		Hw. Rev. 1.01 Sw. Rev. 01.00.01 IP 20	 →   0102

	<b>ABB No.28 - 2007</b> II 3G EEx nA II T1..T6	<b>TTR200</b>
T1..T4 Ta. =-40°C..+85°C (Zone 2) T5 Ta. =-40°C..+71°C (Zone 2) T6 Ta. =-40°C..+56°C (Zone 2)		

Alzenau, 25. August 2008

  
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**ABB Automation Products GmbH**