



MANUFACTURER'S DECLARATION

ABB No. 22 – 2007 Rev. 01

Test Item, Tests, Test Results

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

Type of unit: Temperature Transmitter Type TTF350-E5... for use in
Zone 2 and Zone 22.

**Type
identification:** TTF350

Ordering number: TTF350-E5...

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

**Unit category 3
Application (GAS):**

Temperature class	T6	T5	T4 ...T1
Permissible ambient temperature range option – 50°C	-40°C*...+56°C	-40°C* ...+71°C	-40°C* ...+85°C

Application (dust): T 135°C




Remarks: 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 TTF350-E5..can be operated as a unit in Zone 2 or Zone 3 if the electrical characteristics of Category 3 for non-conducting dust are respected.
At installation time please respect the DIN EN 60079-14 (VDE 0165 Part 1) for gas and DIN EN 61241-14 (EN 50281-1-2) or (VDE 0165 Part 2) for dust respectively.


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Type labels TTF350

ABB Automation Products GmbH Alzenau Germany 2008	TTF350
O-Code : TTF350-Y0C4/OPT	
Ser. No.	
Us=+11...42V, Ia= 4...20 mA, HART	Hw. Rev. 1.0.5
Cfg. 2xTC; Type K; 0...300°C	SW. Rev. 01.00.00
Ta=-40...+85°C	IP 6X, NEMA 4X
	
	
	0102

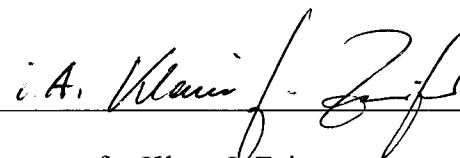
Option -50°C

	TTF350
ABB No. 22 - 2007	
II 3G EEx nA II T1..T6	
II 3D IP6X T135°C	
T1..T4 Ta. =-40°C..+85°C (Zone 2; Zone 22 T 135°C)	
T5 Ta. =-40°C..+71°C (Zone 2; Zone 22 T 135°C)	
T6 Ta. =-40°C..+56°C (Zone 2; Zone 22 T 135°C)	

Alzenau, 4. März 2008



for Harald Müller
Head of Hardware Development



for Klaus J. Zeiger
In Charge of Explosion Protection

ABB Automation Products GmbH