



APPV-50094560 Revision: M

EU DECLARATION OF CONFORMITY

We,

Honeywell International Inc.
Honeywell Field Solutions
512 Virginia Drive
Fort Washington, PA 19034 USA

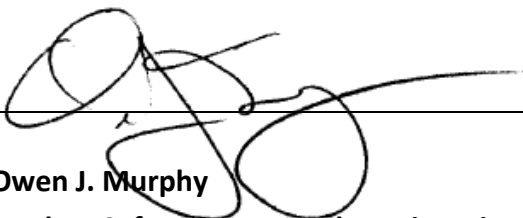
declare under our sole responsibility that the following products,

STT 850 – Smart Series Temperature Transmitter
STT 750 – Smart Series Temperature Transmitter

to which this declaration relates, is in conformity with the provisions of the European Community Directives, including the latest amendments, as shown in the attached schedule.

Assumption of conformity is based on the application of the harmonized standards and when applicable or required, a European Community notified body certification, as shown in the attached schedule.

The authorized signatory to this declaration, on behalf of the manufacturer, and the Responsible Person is identified below.



Owen J. Murphy
Product Safety & Approvals Engineering

Issue Date: 24 October 2019
Fort Washington, PA 19034, USA

SCHEDULE

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EMC Directive (2014/30/EU)

EN 61326-1:2013 Electrical Equipment for Measurement, Control and Laboratory Use – EMC Requirements.

IEC 61326-3-1:2008 Electrical Equipment for Measurement, Control and Laboratory Use- Part 3-1: Immunity Requirements for safety related systems and equipment intended to perform safety-related functions.

Overview of EMC Testing

Summary of Tests Performed:

PORT	TEST	STANDARD	CRITERIA (IEC 61326-1)	CRITERIA (IEC 61326-3-1)	RESULTS
Enclosure	Radiated Emission	CISPR 11	Group1, Class A 30 – 230 MHz: 40 dB 230 – 1000 MHz: 47 dB	Group1, Class A 30 – 230 MHz: 40 dB 230 – 1000 MHz: 47 dB	PASS
	ESD Immunity	IEC61000-4-2	+/- 4KV Contact +/- 8KV Air	+/- 6KV Contact +/- 8KV Air	PASS
	EM Field- RF Radiated Susceptibility	IEC61000-4-3	10 V/m- 80 MHz to 1GHz	20 V/m- 80MHz to 1GHz	PASS
			3 V/m - 1.4 GHz to 2.0 GHz 1 V/m- 2.0 GHz to 2.7 GHz	10 V/m - 1.4GHz to 2.0 GHz 3 V/m- 2.0GHz to 2.7GHz	PASS PASS
50Hz/60Hz Magnetic Field Immunity	IEC 6100-4-8	30 A/m	30 A/m	N/A 1	
DC Power	EFT(B) Immunity	IEC61000-4-4	+/- 1KV	+/- 2KV	PASS
	Surge Immunity	IEC61000-4-5	+/- 1KV	+/- 2KV	PASS
	RF Conducted Susceptibility	IEC61000-4-6	3V	3 V Except the following: 10 V 3.39 to 3.410MHz 10 V 6.765 to 6.795MHz 10 V 13.553 to 13.567MHz 10 V 26.957 to 27.283MHz 10 V 40.66 to 40.70MHz	PASS
	EFT(Burst) Immunity	IEC61000-4-4	+/- 1KV	+/- 2KV	2

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PORT	TEST	STANDARD	CRITERIA (IEC 61326-1)	CRITERIA (IEC 61326-3-1)	RESULTS
I/O Signal/ Control (Including Earth Lines)	Surge Immunity	IEC61000-4-5	+/- 1KV	+/- 2KV	2
	RF Conducted Susceptibility	IEC61000-4-6	3V	3 V Except the following: 10 V 3.39 to 3.410MHz 10 V 6.765 to 6.795MHz 10 V 13.553 to 13.567MHz 10 V 26.957 to 27.283MHz 10 V 40.66 to 40.70MHz	2
AC Power	Voltage Dip	IEC61000-4- 11	0% during 1 Cycle 40% during 10-12 Cycles 70% during 25-30 Cycles		N/A ³
	Short Interruptions	IEC61000-4- 11	0% during 250-300 Cycles		N/A ³
	EFT(Burst) Immunity	IEC61000-4-4	2KV		N/A ³
	Surge Immunity	IEC61000-4-5	1KV/ 2KV		N/A ³
	RF Conducted Susceptibility	IEC61000-4-6	3V		N/A ³

1. There is no magnetic sensitive circuitry.
2. Done as part of the DC Power Testing.
3. Product is DC Powered.

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ATEX Directive (2014/34/EU)

EU-Type Examination Certificate No: SIRA 14ATEX2046X
Safe

Protection: Flameproof and Intrinsically

Equipement Group II Category 1 G, Group II Caegrory 1 D and Group II Caegrory 1 G

Ex ia IIC T4 Ga (Ta= -50°C TO 70°C)

Ex ia IIIC T95°C Da (Ta= -50°C TO 70°C)

FISCO Field Device

Ex ia IIC T4 Ga (Ta= -50°C TO 45°C)

Equipement Group II Category 2 G and Group II Caegrory 2 D

Ex db IIC T6..T6 Gb (T5 : Ta= -50°C TO 85°C, T6 : Ta= -50°C TO 65°C)

Ex tb IIIC T95°C Db (Ta= -50°C TO 85°C)

Harmonized Standards :

EN 60079-0: 2012+A11 : 2013

EN 60079-1: 2014

EN 60079-11: 2012

EN 60079-31: 2014

Type Examination Certificate No: SIRA 14ATEX4052X
intrinsically Safe

Protection: Increased Safety and Zone 2

Equipement Group II Category 3 G

Ex ec IIC T4 Gc (Ta= -50°C TO 85°C)

Ex ic IIC T4 Gc (Ta= -50°C TO 85°C)

FISCO Field Device

Ex ic IIC T4 Gc (Ta= -50°C TO 45°C)

Harmonized Standards :

EN 60079-0: 2012+A11 : 2013

EN 60079-11: 2012

EN 60079-7: 2015

ATEX Notified Body for EU Type Certificates

CSA Group Netherlands B.V., [Notified Body Number: 2813]

Utrechtseweg 310 (B42),

6812 Arnhem

Netherlands

ATEX Notified Body for Quality Assurance

DEKRA Certification B.V. [Notified Body Number: 0344]

Maender 1051

6825 MJ Arnhem

The Netherlands

Measuring Instruments Directive (MID) (2014/32/EU)

NMI Evaluation Certificate: TC7948 (STT850 Temperature Transmitter Only)

WELMEC guide 8.8: General and Administrative Aspects of the Volumetry System of Modular Evaluation of Measuring Instruemnts under MID

OIML R117-1: 2007(E)- Dynamic measuring systems for liquids other than water

EN 12405-1+ A1: 2006- Gas Meters- Conversation Devices- Part 1: Volume Conversion