



50080030
Revision: N

EU DECLARATION OF CONFORMITY

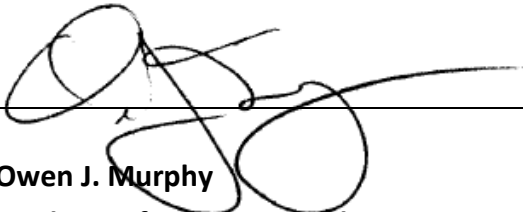
We,
Honeywell International Inc.
Honeywell Field Solutions
512 Virginia Drive
Fort Washington, PA 19034 USA

declare under our sole responsibility that the following products,
ST 800 – Smart Series Pressure Transmitter
And
ST 700- Smart Series Pressure 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: 3 June 2016

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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.

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
I/O Signal/ Control (Including Earth Lines)	EFT(Burst) Immunity	IEC61000-4-4	+/- 1KV	+/- 2KV	2
	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	2

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PORT	TEST	STANDARD	CRITERIA (IEC 61326-1)	CRITERIA (IEC 61326-3-1)	RESULTS
				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	
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)

EC-Type Examination Certificate No: FM12ATEX0029X Protection : Flameproof and Dust
Equipment Group II Category 1/ 2 G and Group II Caegrory 2 D
Ex d IIC T5 Ga/Gb (Ta= -50°C TO 85°C)
Ex d IIC T6 Ga/Gb (Ta= -50°C TO 65°C)
Ex tb IIIC T95°C Db (Ta= -50°C TO 85°C)

Standards:

EN 60079-0: 2012 EN 60079-1: 2007 EN 60079-26: 2007
EN 60079-31: 2009 EN 60529: 1991 + A1:2000

EC-Type Examination Certificate No: Sira12ATEX2233X Protection: Intrinsically Safe
Equipment Group II Category 1 G
Ex ia IIC T4 Ga (Ta= -50°C TO 70°C)
Ex ia IIC T4 Ga (Ta= -50°C TO 70°C)
FISCO Field Device

Standards:

IEC 60079-0: 2011 IEC 60079-11: 2011 EN 60079-26: 2006

Type Examination Certificate No: Sira12ATEX4234X Protection : Non Sparking
Equipment Group II Category 3 G
Ex nA IIC T4 Gc (Ta= -50°C TO 70°C)
Ex ic IIC T4 Ga (Ta= -50°C TO 70°C)
FISCO Field Device

Standards:

IEC 60079-0: 2011 IEC 60079-11: 2011 EN 60079-15: 2010

ATEX Notified Body for EC Type Certificates

FM Approvals Ltd. [Notified Body Number: 1725]
1 Windsor Dials,
Windsor, Berkshire, SL4 1RS
England

Sira Certification Service [Notified Body Number: 0518]
Unit 6, Hawarden Industrial Park,
Hawarden, CH5 3US
United Kingdom

ATEX Notified Body for Quality Assurance

DEKRA Certification B.V. [Notified Body Number: 0344]
Meander 1051
6825 MJ Arnhem
The Netherlands

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Pressure Equipment Directive (PED) (97/23/EC)

Pressure Equipment Directive (PED) (2014/68/EU) (After 18 July 2016)

ASME Boiler and Pressure Vessel Code Section VIII 'Rules for Construction of Pressure Vessels: 2000

Pressure Transmitter	PED Module
Absolute Pressure	
STA 822/ STA 722	Sound Engineering Practice (SEP)
STA 82L/ STA72L	
STA 840/ STA740	
STA 84L/ STA74L	
STA87L/ STA77L	
	Module A
Differential Pressure	
STD 810	Module A
STD820/ STD720	
STD825	
STD830/ STD730	
STD870/ STD770	
Gauge Pressure	
STG830/ STG730	Sound Engineering Practice (SEP)
STG840/ STG740	
STG83L/ STG73L	
STG84L/ STG74L	
STG870/ STG770	Module A
STG87L/ STG77L	
STG88L/ STG78L	
STG89L/ STG79L	
Flange Mounted	
STF828/ STF728	Sound Engineering Practice (SEP)
STF832/ STF732	
STF82F/ STF72F	
STF83F/ STF73F	
Remote Diaphragm	
STR82D/ STR73D	Sound Engineering Practice (SEP)
STR83D	
STR84G/ STR74G	
STR87G	
STR84A	

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

NMI Evaluation Certificate: TC7948

Model	Range
STA 84L	1 to 35 Bara
STA87L	1 to 100 Bara
STG 84L	1 to 35 Barg
STG87L	1 to 100 Barg
STD 820	0 to 1Barg
STD830	0 to 7 Barg
STD870	0 to 100 Barg

WELMEC Guide 8.8

OIML R117-1: 2007(E)

EN 12405-1/A1: 2006

MID Notified Body for Parts Certificates

NMi Certin B.V.

Hugo de Grootplein 1

3300 AJ Dordrecht

The Netherlands