



50080030
Revision: W

EU DECLARATION OF CONFORMITY

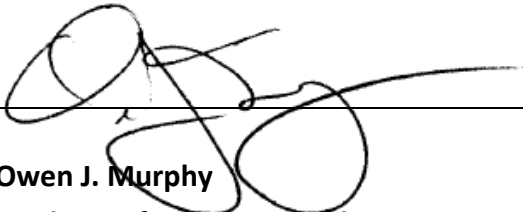
We,
Honeywell International Inc.
Honeywell Field Solutions
512 Virginia Drive
Fort Washington, PA 19034 USA

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: 31 August 2020
Fort Washington, PA 19034, USA

**SCHEDULE
50080030
Revision: W**

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	10 V/m - 1.4GHz to 2.0 GHz	PASS
			1 V/m- 2.0 GHz to 2.7 GHz	3 V/m- 2.0GHz to 2.7GHz	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

**SCHEDULE
50080030
Revision: W**

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.

SCHEDULE
50080030
Revision: W

ATEX Directive (2014/34/EU)

EU-Type Examination Certificate No: Sira12ATEX2233X Protection : Intrinsically Safe, Flameproof and Dust

Equipment Group II Category 1 G

Ex ia IIC T4 Ga

Ex ic IIC T4 Gc

FISCO Field Device

Ta= -50°C TO +70°C

Equipment Group II Category 1/ 2 G and Group II Category 2 D

Ex db IIC T6..T4 Ga/Gb

Ta: -50°C to +65°C for T6

Ta: -50°C to +85°C for T5...T4

Ex tb IIIC T95°C T120°C Db

Ta: -50°C to +65°C for T110°C...T120°C

Ta: -50°C to +85°C for T95°C...T110°C

Standards:

EN 60079-0: 2018

EN 60079-1: 2014

EN 60079-11: 2012

EN 60079-26: 2015

EN 60079-31: 2014

Type Examination Certificate No: Sira12ATEX4234X Protection : Increase Safety, Intrinsic Safety Category 3

Equipment Group II Category 3 G

Ex ec IIC T4 Gc

Ta= -50°C TO +85°C

Ex ic IIC T4 Gc

Ex ic IIC T4 Gc

FISCO Field Device

Ta= -50°C TO +85°C

Standards:

EN 60079-0: 2018

EN 60079-11: 2012

EN 60079-7: 2018

ATEX Notified Body for EC Type Certificates

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

Utrechtseweg 310 (B42)

6812AR ARNHEM

The Netherlands

ATEX Notified Body for Quality Assurance

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

Meander 1051

6825 MJ Arnhem

**SCHEDULE
50080030
Revision: W**

The Netherlands

Pressure Equipment Directive (PED) (2014/68/EU)

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

Pressure Transmitter	PED Module
Absolute Pressure	
STA822/ STA722/ STA725	Sound Engineering Practice (SEP)
STA 82L/ STA72L/ STA72S	
STA 840/ STA740/ STA74S	
STA 84L/ STA74L/ STA74S	
STA87L/ STA77L/ STA77S	
	Module A
Differential Pressure	
STD 810	Module A
STD820/ STD720/ STD72S	
STD825	
STD830/ STD730/ STD73S	
STD870/ STD770/ STD77S	
Gauge Pressure	
STG830/ STG730/ STG73S	Sound Engineering Practice (SEP)
STG840/ STG740/ STG74S	
STG83L/ STG73L/ STG73S	
STG84L/ STG74L/ STG74S	
STG870/ STG770/ STG77S	Module A
STG87L/ STG77L/ STG77S	
STG88L/ STG78L/ STG78S	
STG89L/ STG79L/ STG79S	
Flange Mounted	
STF828/ STF728/ STF72S	Sound Engineering Practice (SEP)
STF832/ STF732/ STF73S	
STF82F/ STF72F/ STF72P	
STF83F/ STF73F/ STF72P	
Remote Diaphragm	
STR82D/ STR73D/ STR735D	Sound Engineering Practice (SEP)
STR83D	
STR84G/ STR74G/ STR745G	
STR87G	
STR84A	

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

NMI Evaluation Certificate: TC8395

**SCHEDULE
50080030
Revision: W**

Liquid Applications

Model	Minium Pressure (Pmin)	Maximum Pressure (Pmax)
STA 84L	1 Bara	35 Bara
STA87L	1 Bara	100 Bara
STG 84L	1 Barg	35 Barg
STG87L	1 Barg	100 Barg

Note: For Pmin: higher values, Pmax: lower values, can be adjusted within the calibrated range.

Additional Liquid Conditions:

Model	Miniumum Span Pmax- Pmin	Minium Pressure (Pmin)	Maximum Pressure (Pmax)
STA 84L	0.35 Bara	1 Bara	35 Bara
STA87L	2.1 Bara	1 Bara	100 Bara
STG 84L	0.35 Barg	1 Barg	35 Barg
STG87L	2.1 Barg	1 Barg	100 Barg

Gas Applications

Model	Minium Pressure (Pmin)	Maximum Pressure (Pmax)
STA 84L	0.9 Bara	6 Bara
	1.75 Bara	35 Bara
STA87L	10 Bara	100 Bara
	50 Bara	210 Bara
STG 84L	1.75 Barg	35 Barg
STG87L	5 Barg	100 Barg

Note: For Pmin: higher values, Pmax: lower values, can be adjusted within the calibrated range.

Additional Gas Applications

Model	Miniumum Span Pmax- Pmin	Minium Pressure (Pmin)	Maximum Pressure (Pmax)
STA 84L	0.35 Bar	0.9 Bara	35 Bara
STA87L	2.1 Bar	10 Bara	210 Bara
STG 84L	0.35 Bar	1.75 Barg	35 Barg
STG87L	2.1 Bar	5 Barg	100 Barg

WELMEC Guide 8.8

OIML R117-1: 2007(E)

EN 12405-1:2006+A2: 2010

MID Notified Body for Parts Certificates

NMi Certin B.V.
Hugo de Grootplein 1
3300 AJ Dordrecht
The Netherlands