



APPV-SMV800-CE
Revision: C

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,

SMV 800 – Smart Series DE/ HART Multi-Variable Transmitter
SMA810, SMA845 and SMG870

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: 18 May 2016

SCHEDULE
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EMC Directive (2014/30/EU)

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

Overview of EMC Testing

Equipment Tested (EUT): SMV845 TRANSMITTER
Serial No: CE 001

Summary of Tests Performed:

PORT	TEST	STANDARD	CRITERIA (EN 61326-1)	RESULTS
Enclosure	Radiated Emission	CISPR 11	Group1, Class A 30 – 230 MHz: 40 dB 230 – 1000 MHz: 47 dB	PASS
	ESD Immunity	IEC61000-4-2	+/- 4KV Contact +/- 8KV Air	PASS
	EM Field- RF Radiated Susceptibility	IEC61000-4-3	10 V/m- 80 MHz to 1GHz 3 V/m - 1.4 GHz to 2.0 GHz 1 V/m- 2.0 GHz to 2.7 GHz	PASS PASS PASS
	50Hz/60Hz Magnetic Field Immunity	IEC 6100-4-8	30 A/m	N/A 1
DC Power	EFT(B) Immunity	IEC61000-4-4	+/- 1KV	PASS
	Surge Immunity	IEC61000-4-5	+/- 1KV	PASS
	RF Conducted Susceptibility	IEC61000-4-6	3V	PASS
I/O Signal/ Control (Including Earth Lines)	EFT(Burst) Immunity	IEC61000-4-4	+/- 1KV	2
	Surge Immunity	IEC61000-4-5	+/- 1KV	2
	RF Conducted Susceptibility	IEC61000-4-6	3V	2

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PORT	TEST	STANDARD	CRITERIA (EN 61326-1)	RESULTS
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.

R-2367P

Test Report No :

Testing performed at:

Retlif Testing Laboratories
3131 Detwiler Road
Harleysville, PA 19438
USA

ATEX Directive (2014/34/EU)

EC-Type Examination Certificate No: SIRA 15ATEX2039X
Flameproof and Dust

Protection : Intrinsic Safety,

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 45°C)

FISCO Field Device

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

Ex d IIC T5 Ga (Ta= -50°C TO 85°C)

Ex d IIC T6 Ga (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: 2007

EN 60079-26: 2007

IEC 60079-31: 2013

EN 60079-11: 2012

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Type Examination Certificate No: SIRA 15ATEX4040 Protection : Non Sparking “n” and FISCO
 Equipment Group II Category 3 G
 Ex nA IIC T4 Ga (Ta= -50°C TO 70°C)
 Ex ic IIC T4 Ga (Ta= -50°C TO 45°C)
 FISCO Field Device

Harmonized Standards :
 EN 60079-0: 2012/A11: 2013 EN 60079-11: 2012 EN 60079-15: 2010

ATEX Notified Body for EC Type Certificates

Sira Certification Service [Notified Body Number: 0518]
 Unit 6, Hawarden Industrial Park,
 Hawarden, Deeside, 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

**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	
SMA 810	Sound Engineering Practice (SEP)
SMA 845	
Gauge Pressure	Module A
SMG870	