

EU DECLARATION OF CONFORMITY

We,

Dwyer Instruments, Inc.
102 Indiana Highway 212
Michigan City, IN 46360 USA
+1-219-879-8868

declare under our sole responsibility our Series Mark 1, 3, 4 Position Indicator/Switch/Transmitter with suffix B or IS (excluding Series Mark 191, 491) to which this declaration relates is in conformity with the following EU Directives and harmonized Standards:

Directive 2011/65/EU Restriction of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)

Directive 2004/108/EC Electromagnetic Compatibility (EMC)

Directive 2014/34/EU Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres (ATEX)

IEC 61010-1:1993 Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use – Part 1: General Requirements

Suffix B:

EN 60079-0:2012+A11:2013 Explosive Atmospheres – Part 0: General Requirements

EN 60079-1:2014 Explosive Atmospheres – Part 1: Equipment Protection by Flameproof Enclosures “d”

II 2 G Ex db IIC T6 Gb / II 2 G Ex db IIB T6 Gb (suffix SV1, SV2 only) for potentially explosive atmospheres, EU-Type Certificate KEMA 03ATEX2391 X. Notified Body 0344 DEKRA Certification B.V., Arnhem, Netherlands issued the EU-Type Certificate. Notified Body 2813 CSA Netherlands, Arnhem, Netherlands is responsible for quality surveillance.

Suffix IS:

EN 60079-0:2009 Explosive Atmospheres – Part 0: General Requirements

EN 60079-11:2007 Explosive Atmospheres – Part 11: Equipment Protection by Intrinsic Safety “i”

EN 60079-26:2007 Explosive Atmospheres – Part 26: Equipment with Equipment Protection Level (EPL) Ga

No significant technical differences exist between the superseded (EN 60079-0:2009, EN 60079-11:2007) and harmonized (EN 60079-0:2012+A11:2013, EN 60079-11:2012) standards which prevent the above listed products from complying with the essential safety requirements of EU Directive 2014/34/EU (ATEX). This is verified by Dwyer Instruments, Inc. Document No. DWY-TR-ATEX-005.

II 1 G Ex ia IIC T4 Ga for potentially explosive atmospheres, EU-Type Certificate KEMA 03ATEX1392 X. Notified Body 0344 DEKRA Certification B.V., Arnhem, Netherlands issued the EU-Type Certificate. Notified Body 2813 CSA Netherlands, Arnhem, Netherlands is responsible for quality surveillance.

Transmitter-equipped Units without HART® communication are also in conformity with the following Standards:

EN 61326-1:2002 Electrical Equipment for Measurement, Control and Laboratory Use - EMC Requirements – Part 1: General Requirements

EN 61000-4-2:2001 Electromagnetic Compatibility (EMC) - Part 4-2: Testing and Measurement Techniques – Electrostatic Discharge Immunity Test

EN 61000-4-3:2002 Electromagnetic Compatibility (EMC) – Part 4-3: Testing and Measurement Techniques – Radiated, Radio-Frequency, Electromagnetic Field Immunity Test

EN 61000-4-4:1995 Electromagnetic Compatibility (EMC) – Part 4-4: Testing and Measurement Techniques – Electrical Fast Transient/Burst Immunity Test

EN 61000-4-5:2001 Electromagnetic Compatibility (EMC) – Part 4-5: Testing and Measurement Techniques – Surge Immunity Test

EN 61000-4-6:2003 Electromagnetic Compatibility (EMC) – Part 4-6: Testing and Measurement Techniques – Immunity to Conducted Disturbances, Induced by Radio-Frequency Fields

EN 55011:1998 Industrial, Scientific and Medical Equipment. Radio-Frequency Disturbance Characteristics. Limits and Methods of Measurement

Transmitter-equipped Units with HART® communication are also in conformity with the following Standards:

EN 61326-1:2006 Electrical Equipment for Measurement, Control and Laboratory Use – EMC Requirements – Part 1: General Requirements

EN 61000-4-2:2001 Electromagnetic Compatibility (EMC) – Part 4-2: Testing and Measurement Techniques – Electrostatic Discharge Immunity Test

EN 61000-4-3:2006+A1:2008+A2:2010 Electromagnetic Compatibility (EMC) – Part 4-3: Testing and Measurement Techniques – Radiated, Radio-Frequency, Electromagnetic Field Immunity Test

EN 61000-4-4:2012 Electromagnetic Compatibility (EMC) – Part 4-4: Testing and Measurement Techniques – Electrical Fast Transient/Burst Immunity Test

EN 61000-4-5:2014 Electromagnetic Compatibility (EMC) – Part 4-5: Testing and Measurement Techniques – Surge Immunity Test

EN 61000-4-6:2013 Electromagnetic Compatibility (EMC) – Part 4-6: Testing and Measurement Techniques – Immunity to Conducted Disturbances, Induced By Radio-Frequency Fields

EN 55011:2016 Industrial, Scientific and Medical Equipment. Radio-Frequency Disturbance Characteristics. Limits and Methods of Measurement

The authorized representative located within the Community is:

Comhas Srl
Via Matteotti, 66
20092 – Cinisello Balsamo, Milano, Italy
+44 (0) 1494 461707

On behalf of Dwyer Instruments, Inc.,



Doug McCall
Senior Regulatory Engineer
July 08, 2020
Michigan City, Indiana, USA
Date Issued: July 22, 2019
Date Expires: February 16, 2022

EU DECLARATION OF CONFORMITY

We,

Dwyer Instruments, Inc.
102 Indiana Highway 212
Michigan City, IN 46360 USA
+1-219-879-8868

declare under our sole responsibility our Series Mark 191, 491 WirelessHart® Position Indicator/Switch/Transmitter with suffix B to which this declaration relates is in conformity with the following EU Directives and harmonized Standards:

Directive 2011/65/EU Restriction of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)

Directive 2014/53/EU Radio Equipment Directive (RED)

Directive 2014/34/EU Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres (ATEX)

IEC 61000-4-2:2008 Electromagnetic Compatibility (EMC) - Part 4-2: Testing and Measurement Techniques - Electrostatic Discharge Immunity Test

IEC 61000-4-3:2006+A1:2008+A2:2010 Electromagnetic Compatibility (EMC) - Part 4-3: Testing and Measurement Techniques - Radiated, Radio-Frequency, Electromagnetic Field Immunity Test

IEC 61000-4-4:2012 Electromagnetic Compatibility (EMC) - Part 4-4: Testing and Measurement Techniques - Electrical Fast Transient/Burst Immunity Test

IEC 61000-4-5:2005 Electromagnetic Compatibility (EMC) - Part 4-5: Testing and Measurement Techniques - Surge Immunity Test

IEC 61000-4-6:2013 Electromagnetic Compatibility (EMC) - Part 4-6: Testing and Measurement Techniques - Immunity to Conducted Disturbances, Induced By Radio-Frequency Fields

ETSI EN 301 489-1 V1.9.2 (2011-09) Electromagnetic Compatibility and Radio Spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) Standard for Radio Equipment and Services; Part 1: Common Technical Requirements

ETSI EN 301 489-17 V2.2.1 (2012-09) Electromagnetic Compatibility and Radio Spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) Standard for Radio Equipment; Part 17: Specific Conditions for Broadband Data Transmission Systems

ETSI EN 300 440-1 V1.6.1 (2010-08) Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Short Range Devices (SRD); Radio Equipment to be Used in the 1 GHz to 40 GHz Frequency Range; Part 1: Technical Characteristics and Test Methods

ETSI EN 300 440-2 V1.4.1 (2010-08) Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Short Range Devices (SRD); Radio Equipment to be Used in the 1 GHz to 40 GHz Frequency Range; Part 2: Harmonized Standard Covering the Essential Requirements of Article 3.2 of the R&TTE Directive

EN 60079-0:2012+A11:2013 Explosive Atmospheres – Part 0: General Requirements

EN 60079-1:2014 Explosive Atmospheres – Part 1: Equipment Protection by Flameproof Enclosures “d”

EN 60079-11:2012 Explosive Atmospheres – Part 11: Equipment Protection by Intrinsic Safety “I”

II 2 G Ex db ib IIC T4 Gb (-40°C ≤ Tamb ≤ 65°C) for potentially explosive atmospheres, EU-Type Certificate KEMA 03ATEX1392 X. Notified Body 0344 DEKRA Certification B. V., Arnhem, Netherlands issued the EU-Type Certificate. Notified Body 2813 CSA Netherlands, Arnhem, Netherlands is responsible for quality surveillance.

The authorized representative located within the Community is:

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On behalf of Dwyer Instruments, Inc.,



Doug McCall
Senior Regulatory Engineer
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Michigan City, Indiana, USA
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