EU Declaration of Conformity
In accordance with IEC 17050-1

We:
Manufacturer’s Name: Computational Systems Inc.
Manufacturer’s Address: 835 Innovation Drive
                          Knoxville, TN 37932
                          USA

decclare under sole responsibility that the product:

Product Name: Wireless Vibration Transmitter
Model: CSI 9420
Revision Level: 0 and up

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.

[Signature]
Bob White
Quality Manager
Knoxville, Tennessee U.S.A.
on 26 January 2018

European Contact: Mr. Bruno Hecker
Emerson
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Gronau, Germany
Tel +49 2562 709-179
Fax +49 2562 709-198
EU Declaration of Conformity

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EMC Directive 2014/30/EU
All Versions
Applicable Standards: IEC 61326-1: 2012 (Second Edition)

Low Voltage Directive 2014/35/EU
All Versions

Versions shipped after 1/1/2015
Applicable Standards: EN 300 328: V2.1.1
EN 301 489-1: V3.2.1
EN 301 489-17: V3.2.1
EN 62479: (2010)

Models rated for non-hazardous areas:
B9420WA1-NR; B9420WA1L-NR; B9420WA1LE-NR; B9420WA1SS-NR; B9420WA1LSS-NR

ATEX Directive 2014/34/EU
Type Examination Certificate Number: SIRA 15ATEX4237X & IECEx CSA 12.0014X
Applicable Standards: EN 60070-0: 2012/A11: 2013
EN 60079-11: 2012

Models: B9420WA1-DC, B9420WA1L-DC, B9420WA1LSS-DC, B9420WA1SS-DC,
B9420WA1LEZ, B9420WA1LZ, B9420WA1Z, B9420WA1SSZ, B9420WA1LSSZ,
B9420WA1EZ, B9420WA1LZJ, B9420WA1LEJ, B9420WA1SSI, B9420WA1LSSJ,
B9420WA1J, B9420WA1EJ

Marking appears as follows:

Ex iIC II 3 G
Ex ia IIC T4 Ga (-40°C ≤ Ta ≤ +85°C) without LCD fitted or
Ex ia IIC T4 Ga (-20°C ≤ Ta ≤ +80°C) with LCD fitted

Hart Connector: Uo = 7.8 V Io = 155 mA Po = 303 mW Co = 2 µF Lo = 3 mH
Ui = 7.8 V II = 5 mA Pi = 9.75 mW Ci = 54 µF Li = 3.1 mH

Accelerometer Connector: Uo = 7.8 V Io = 158 mA Po = 309 mW Co = 2 µF Lo = 3 mH

Special Condition for Safe Use
- The apparatus has a plastic antenna which constitutes a potential electrostatic hazard. The antenna must not be rubbed or cleaned with solvents.
- The apparatus may be equipped with an aluminum alloy or stainless-steel enclosure. The aluminum alloy enclosure is given a protective polyurethane paint finish; however, care should be taken to protect it from impact or abrasion.
- This monitor shall only be used with either Emerson Battery Pack 701PBK/70 or A0701PBU.
- Intrinsically safe when installed per drawing D25418.
- The battery pack may present a potential electrostatic ignition hazard. Use Caution when replacing battery pack.

ATEX Notified Body for EX Type Examination Certificate
Number SIRA 15ATEX4237X
CSA Group
178 Rexdale Boulevard
Toronto, Ontario M9W IR3
Canada
EU Declaration of Conformity
In accordance with IEC 17050-1

Type Examination Certificate Number: SIRA 16ATEX2148X
Applicable Standards: EN 60079-0:2012/A11:2013
EN 60079-11:2012

Models: B9420WA1-DC, B9420WA1L-DC, B9420WA1LLSS-DC, B9420WA1SS-DC,
B9420WA1LEZ, B9420WA1LZ, B9420WA1Z, B9420WA1SSZ, B9420WA1LSSZ,
B9420WA1EZ, B9420WA1LJ, B9420WA1LEJ, B9420WA1SSJ, B9420WA1LSSJ,
B9420WA1J1, B9420WA1EJ

Marking appears as follows:

Ex ia IIB T4 Ga
SIRA 16ATEX2148X
-40°C ≤ Ta ≤ +85°C without LCD fitted or
-20°C ≤ Ta ≤ +80°C with LCD fitted

Hart Connector: Uo = 7.8 V Io = 155 mA Po = 303 mW Co = 2 µF Lo = 3 mH
Ui = 7.8 V Ii = 5 mA Pi = 9.75 mW Ci = 54 µF Li = 3.1 mH

Accelerometer Connector: Uo = 7.8 V Io = 158 mA Po = 309 mW Co = 2 µF Lo = 3 mH

Special Condition for Safe Use (denoted by X after the certificate number)
- The antenna may present a potential electrostatic ignition hazard and shall not be
  rubbed or cleaned with a dry cloth.
- The apparatus may be equipped with an aluminum alloy enclosure; therefore, care
  should be taken to protect it from impact or abrasion, particularly if it is located in a
  Zone 0 environment.
- Intrinsically Safe when installed per drawing D25418.
- The battery pack may present a potential electrostatic ignition hazard. Use caution
  when replacing battery pack.

ATEX Notified Body for EX Type Examination Certificate
Number Sira 16ATEX2148X
CSA Group
178 Rexdale Boulevard
Toronto, Ontario M9W IR3
Canada

Notified Body for Quality System
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