EU Declaration of Conformity

In accordance with IEC 17050-1

We:

Manufacturer's Name: Emerson

Manufacturer's Address: 835 Innovation Drive
Knoxville, TN 37932 USA

declare under sole responsibility that the product:

Product Name: Machinery Health Analyzer

Model: CSI 2140, B214000, B214001, B214002

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.

Presumption 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.

CE

Bob White
Quality Manager
Knoxville, Tennessee U.S.A.
on 27 October 2016

European Contact:

Mr. Bruno Hecker
Emerson
Jöbkesweg 3
D-48599
Gronau, Germany
Tel +49 2562 709-179
Fax +49 2562 709-198

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EMC Directive 2014/30/EU
All Versions
Applicable Standards: IEC 61326-1: 2012 (Ed 2)

Low Voltage Directive 2014/35/EU
All Versions
Applicable Standards: IEC 61010-1:2010 (Ed. 3)
IEC 61010-2-030:2010 (Ed. 1)

Radio Equipment Directive 2014/53/EU
All Versions
Applicable Standards: EN 300 328: V 1.9.1 (2015-02)
EN 301 489-1: V 1.9.2 (2011-09)
EN 301 489-17: V2.2.1
EN 50566:2013
IEC 62209-2:2010

RoHS2 Directive 2011/65/EU
All Versions

ATEX Directive 2014/34/EU

Type Examination Certificate Number: Sira 15ATEX4356X & IEC Ex CSA 15.0049X
Applicable Standards: EN 60079-0: 2012/A11:2013
EN 60079-11: 2012
IEC 60529: 2013 (Ed. 2.2)

Models: B214002

Marking appears as follows:

CE Ex II 3 G

Ex ic [ic] IIC T4 Gc
Tamb: -20°C to +50°C

The equipment has the following entity parameters:

Voltage Input:	**Tachometer Connection:**		**Accelerometer Ouput:**
Ui = ±30 VDC	Ui = ±30 VDC	Uo = +26.7 VDC	Uo = +25.2 VDC
Ii = 100 mA	Ii = 100 mA	Io = 135 uA	Io = 146 mA
Pi = 665 mW	Pi = 665 mW	Po = 1.52 mW	Po = 920 mW
Ci = 105 pF	Ci = 105 pF	Co = 321 nF	Co = 390 nF
Li = 1032 nH	Li = 1032nH	Lo = 100 mH	Lo = 3.75 mH

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Conditions of Safe Use:

1. The battery must only be charged and/or replaced in a non-hazardous location.
2. The USB port must only be used in a non-hazardous location.
3. The Ethernet port must only be used in a non-hazardous location.
4. Intrinsically Safe outputs when implemented per drawing D25671.
5. If a unit shows any sign of damage please return for repair.
6. The front touch screen must always be substantially protected from impact and daylight.
7. When used in the hazardous or non-hazardous area, the unit shall be connected to suitably-certified devices providing proper ingress protection against water and dust.

ATEX Notified Body for EX Type Examination Certificate
Number Sira 15ATEX4356X
CSA Group
178 Rexdale Boulevard
Toronto, Ontario M9W IR3
Canada

Notified Body for Quality System
FM Approvals Ltd.
1 Windsor Dials,
Windsor, Berkshire, UK. SL4 1RS
T: +44 (0) 1753 750000 F: +44 (0) 1753 868 700
E-mail: atex@fmapprovals.com
www.fmglobal.com