EU Declaration of Conformity

The undersigned, representing the following supplier and authorised representative

ABB Motors and Mechanical Inc.                        | ABB Automation Products GmbH
5711 R. S. Boreham, Jr. Street                      | Oberhausener Straße 33
Fort Smith, Arkansas 72901                          | 40472 Ratingen, Germany
USA                                                  |

This declaration is issued under the sole responsibility of the manufacturer.

hereewith declare that the Products

Smart Sensor for Mounted Bearings V1

Product identification (brand and catalogue number/part number):

ATEX II 1 G D Ex ia IIC 150°C (T3) Ga Ex ia IIC T146°C Da (T amb= -30°C - +105°C) ATEX I M1 Ex ia I Ma Model V1- (consult product marking for details) SIRA 17ATEX2237X Note: The manufacturer of these products, Baldor Electric Company, became ABB Motors and Mechanical Inc. on 1 March 2018. Nameplates may contain the company name ‘Baldor Electric Company’ for a period until such time as they have been updated to reflect the new corporate identity’.

are in conformity with the provisions f the following EC Directive(s) when installed in accordance with the installation instructions contained in the product documentation:

2014/34/EU ATEX Directive
2011/65/EU RoHS Directive

and that the standards and/or technical specifications referenced below have been applied (Safety only):

EN 61010-1:2010 Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements
EN 50581:2012 Technical documentation for the assessment of electrical and electronic products with respect to restriction of hazardous substances

and that the following harmonized standards and/or technical specifications referenced below have been applied for 2014/34/EU:

EN 60079-0:2012/A11:2013 Explosive atmospheres- Part 0: Equipment – General requirements
EN60079-11:2012 Explosive atmospheres — Part 11: Equipment protection by intrinsic safety ‘i’

ATEX Notified Body for Category 1
Sira Certification Services Ltd -0518
Unit 6
Hawarden Industrial Park
Hawarden
DEESIDE
CH5 3US

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Conformance via a Technical File (TDF) is declared using all or parts of the following standards (RED Directive only):

- **EN 61010-1:2010** Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements
- **EN 61326-1:2013** Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements
- **EN 301 489-1 V2.2.0: Draft** Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU
- **EN 301 489-17 V3.2.0: Draft** Electromagnetic Compatibility (EMC) standard for radio equipment and services: Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
- **EN 300 328 V2.1.1** Wideband transmission systems; Data transmission equipment operating in the 2.4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- **EN 62311: 2008** Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)

EMC Technical File - TDF No: AN18C11127

EU-type examination certificate: AN18C11127

Maintained at:
ABB Automation Products GmbH
Oberhausener Straße 33
40472 Ratingen, Germany

Supplier: L. Evans Massey

Notification Body:
The notified body, UL Verifications Services Inc. 0984 performed an assessment of Article 3.1a, 3.1b and 3.2 and issued EU-type examination certificate AN18C11127

Authorised representative:

Signature

Name: L. Evans Massey
Position: Mgr. Standards and Certification
Date: 28 May 2019 Greenville, SC USA

Name: Michael Klein
Position: Regional Sales and Marketing Manager
Date: 28 May 2019 Ratingen, Germany