

EU Declaration of Conformity

The undersigned, representing the following supplier and authorised representative

ABB Motors and Mechanical Inc.
5711 R. S. Boreham, Jr. Street
Fort Smith, Arkansas 72901
USA

ABB Automation Products GmbH
Oberhausener Straße 33
40472 Ratingen, Germany

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

herewith 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 IIIC T146°C Da (T amb= -30°C - +105°C) ATEX I MI 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 of the following EC Directive(s) when installed in accordance with the installation instructions contained in the product documentation:

2014/34/EU

ATEX Directive

2014/53/EU

Radio Equipment (RED) 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	Electro Magnetic 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:

Notified Body:

ABB Automation Products GmbH

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

Oberhausener Straße 33

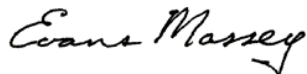
40472 Ratingen, Germany

Supplier:

Authorised representative:

Signature

Signature



Name: L. Evans Massey

Name: Michael Klein

Position: Mgr. Standards and Certification

Position: Regional Sales and Marketing Manager

Date: 28 May 2019 Greenville, SC USA

Date: 28 May 2019 Ratingen, Germany
