

EU Declaration of Conformity

MANUFACTURER: Bosch Connected Devices and Solutions GmbH
Ludwig-Erhard-Straße 2
72760 Reutlingen, Germany

PRODUCT TYPE: Intelligent Vibration Analysis Sensor

PRODUCT NAMES: IVAS-ETH

INTENDED USE: Measurement of vibrations of machinery

We hereby declare under our sole responsibility that the product described above comply with the essential requirements of the following directives:

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Directive 2014/30/EU on electromagnetic compatibility (EMC Directive)

Any modification to the products not expressly approved by the manufacturer or any use for a purpose which is not intended and documented shall void the validity of this declaration.

The following standards have been applied (envelope of requirements):

- EN61000-6-2:2005 and EN61000-6-2:2016 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments
- EN61000-6-4:2011 and EN61000-6-4:2017/A1:2011/AC:2012 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- EN61000-6-3:2011 Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments
- EN50121-3-2:2016 Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock - Apparatus;
- EN12015:2014 and EN12016:2013 Electromagnetic compatibility - Product family standard for lifts, escalators and moving walks – Emission and Immunity
- EN50370-1:2005 and EN50370-2:2003 Electromagnetic compatibility (EMC) - Product family standard for machine tools - Part 1: Emission and Part 2: Immunity
- EN55011:2009+A1:2010 Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement
- EN61000-3-2:2014, EN61000-3-3:2013 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

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Place, date

Reutlingen, 16. MAI 2019



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