

Month.Year 07.2023

Manufacturer Inxpect S.p.A.
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This declaration of conformity is issued under the sole responsibility of the manufacturer.

Trademark Inxpect

Model SBV System Bus / SBV System Series / Inxpect SRE 200 Series

Composed by:

- sensor mod. SBV-01 / S201A/S203A
- controller mod. ISC-B01 / ISC-02 / ISC-03 / C201A / C202A / C203A/C201B/C202B/C203B

Description Safety Radar Equipment (SRE)

The object of the declaration described above is in conformity with the relevant regulations:

Radio Equipment Regulations 2017
Supply of Machinery (Safety) Regulations 2008
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

References to the relevant designated standards used or references to the technical specifications in relation to which conformity is declared.

Supply of Machinery (Safety) Regulations 2008:

EN ISO 13849-1:2015 EN ISO 13849-2:2012	<i>Safety of machinery – safety related parts of control systems</i>
EN 62061:2021	<i>Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems</i>
EN 61000-6-2:2019	<i>EMC requirements for industrial environment - immunity</i>
EN 61326-3-1:2017	<i>EMC Requirements for safety related systems - immunity</i>

ETSI EN 301 489-1 V2.2.3:2019 ETSI EN 301 489-3 V2.1.1:2019	<i>EMC Requirements for SRD – emissions only</i>
EN 61010-1:2010 + A1:2019	<i>Safety Requirements for electrical equipment</i>

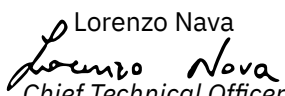
The product has undergone EC type-examination for safety functions, with certificate N. TÜV IT 0948 21 MAC 0197 B Rev. 4, issued by TÜV Italia S.r.l., Via Carducci 125, 20099 Sesto San Giovanni, ID. 0948.

Radio Equipment Regulations 2017 & The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

EN 61000-6-2:2019	<i>EMC requirements for industrial environment - immunity</i>
EN 61326-3-1:2017	<i>EMC Requirements for safety related systems - immunity</i>
ETSI EN 301 489-1 V2.2.3:2019 ETSI EN 301 489-3 V2.1.1:2019	<i>EMC Requirements for SRD – emissions only</i>
ETSI EN 305 550-1 V1.2.1:2014 ETSI EN 305 550-2 V1.2.1:2014	<i>Electromagnetic compatibility and Radio spectrum matters</i>
EN 61010-1:2010 + A1:2019	<i>Safety Requirements for electrical equipment</i>
EN 62311:2020	<i>Human Exposure to Electromagnetic Fields Requirements</i>
EN IEC 63000:2018	<i>Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances</i>

The Approved Body Nemko S.p.A. (number 2051) performed the conformity assessment of the SBV-01 (S201A) technical documentation (the SBV-01 (S201A) is the only radio device of the whole SBV System Series / Inxpect SRE 200 Series) according to the procedure of Schedule III (module B) of The Radio Equipment Regulations 2017 and issued the UK-type examination certificate no. 1622-UK-230094.

The Approved Body UL International (number 0984) performed the conformity assessment of the S203A technical documentation according to the procedure of Schedule III (module B) of The Radio Equipment Regulations 2017 and issued the UK-type examination certificate no. AN23C14157-UKCA-1

Lorenzo Nava

 Chief Technical Officer
 Brescia, 25/07/2023