

## Declaration of conformity

Manufacturer's name: MSO Meßtechnik und Ortung GmbH  
 Manufacturer's adress: Hohweg 8 – 10, 53902 Bad Münstereifel, Germany  
 Equipment type: Radar speed sensor  
 Model: Speed Wedge Version 2.1R2  
 Product standard: Date code 15 February 2021

The Product is compliant with the following standards and/or other normative, essential requirements according to European Radio Equipment Directive 2014/53/EU

	<b>applied specifications / Standards</b>
Electrical Safety <sup>+</sup>	EN 62368-1, EN 60950-22
EMC*	EN 301 489, EN 61326-1:2013
RF*	EN 62311 (MPE)
RoHS	Directive 2011/65/EU, EN 50581:2012 (EN IEC 63000:2018)
RED*	EN 300 440, SRD (1GHz to 40GHz) - Category 1
FCC (U.S.A.)*	FCC §15.249, Contains FCC ID: UXS-SMR-3X3, FCC ID: 2AXQCSWMKII-21, FCC 47 CFR Part 1
ISED (Canada)*	ISED RSS-210 Annex B.10, Contains IC ID: 6902A-SMR3X3, RSS-GEN/ICES-003, Class B
Environmental Protection <sup>#</sup>	ISO 20653 : IP6KX, IPX7, IPX9K
ACMA (Australia)	Authorisation for RCM compliance mark, RCM responsible supplier number: E304, ACN/ARBN 84156023504
Dry heat test (CENELEC) <sup>#</sup>	DIN EN 60068-2-2, DIN EN 50155
High temp. test (AREMA) <sup>#</sup>	MIL-STD810G
Low temp. test (CENELEC) <sup>#</sup>	DIN EN 60068-2-1, DIN EN 50155
Low temp. test (AREMA) <sup>#</sup>	MIL-STD810G
High temp. storage (AREMA) <sup>#</sup>	MIL-STD810G
Low temp. storage (AREMA) <sup>#</sup>	MIL-STD810G
Low temp. storage (CENELEC) <sup>#</sup>	DIN EN 60068-2-1, DIN EN 50155
Humidity / Damp heat <sup>#</sup>	MIL-STD810G
Humidity / Damp heat <sup>#</sup>	DIN EN 60068-2-30, DIN EN 50155
Random vibration <sup>#</sup>	DIN EN 60068-2-64, DIN EN 61373
Mechanical shock <sup>#</sup>	DIN EN 60068-2-27, DIN EN 61373
Sine vibration (AREMA) <sup>#</sup>	MIL-STD810G
Resonance search (AREMA) <sup>#</sup>	MIL-STD810G
Mechanical shock (AREMA) <sup>#</sup>	MIL-STD810G

	<b>applied specifications / Standards</b>
RF – Radiated Emissions, industry#	DIN EN 55016-2-3 (2019-06)
RF - Conducted Emissions, industry#	DIN EN 55016-2-1 (2019-11)
RF -Radiated Immunity, industry#	DIN EN 61000-4-3 (2011-04), Status B
RF – Radiated Immunity, automotive#	ISO 11452-4 (2020-04), Status B
RF – Conducted disturbances#	DIN EN 61000-4-6 (2014-08)
Electrical fast transient / burst immunity test#	DIN EN 61000-4-4 (2013-04)
RF – Conducted Immunity BCI#	ISO 11452-4 (2020-04)
Electrostatic Discharge#	DIN EN 61000-4-2 (2009-12)
Magnetic immunity, automotive#	ISO 11452-8 (2015-06), Status B
Magnetic immunity, industry#	DIN EN 61000-4-8 (2010-11)
Magnetic Emissions#	MIL-STD 416F (2007-12)
Pulsed magnetic immunity#	DIN EN 61000-4-9 (2017-05)

\* : Tests conducted and reports issued by CETECOM, notified body No. 0682

+ : Tests commissioned by CETECOM and conducted by Dongguan Dongdian Testing Service Co.,  
[Http://www.dgddt.com](http://www.dgddt.com)

# : Tests conducted and reports issued by AKUVIB Engineering and Testing GmbH, Bochum, Germany

The EUT described above has been tested and found in compliance with the council Radio Equipment Directive 2014/53/EU (RED). It is possible to use CE marking to demonstrate the compliance with this Directive.

Errors and omissions excluded.

Manufacturer: MSO Meßtechnik und Ortung GmbH

Place & Date of issue: Bad Münstereifel, Germany 26 Sept. 2022

Signed by Dr. Peter Hien, Director of MSO GmbH

