



EU Declaration of Conformity

The manufacturer declares under its responsibility that the following products are compliant with the requirements defined in the European Council directives.

Product

Name: ADAR One
 Model: SPN1025A, from S/N 00732
 Type: Electro-sensitive protective equipment (ESPE), Type 3, for the protection of persons

Manufacturer

Sonair AS
 Gullhaug Torg 2C
 0484 Oslo
 Norway

Reference to directives

The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

2006/42/EC	Machinery directive
2014/30/EU	Electromagnetic Compatibility (EMC) Directive
2011/65/EU+2015/863	RoHS Directive (Restriction of Hazardous Substances)

Reference to harmonized standards

EN ISO 13849-1:2023	Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design
EN ISO 13849-2:2012	Safety of machinery – Safety-related parts of control systems – Part 2: Validation
EN IEC 61000-6-1:2019	Immunity standard for residential, commercial and light-industrial environments
EN IEC 61000-6-2:2019	Immunity for industrial environments
EN IEC 61000-6-3:2021	Emission standard for equipment in residential environments
EN IEC 61000-6-4:2019	Emission standard for industrial environments

Reference to other relevant standards

IEC 61508:2010	Functional Safety of Electrical/Electronic/Programmable Electronic Safety-related Systems
IEC 61496-1:2020	Safety of machinery - Electro-sensitive protective equipment - Part 1: General requirements and tests
IEC TS 62998-1:2019	Safety of machinery - Safety-related sensors used for the protection of persons
IEC TS 62998-3:2023	Safety of machinery – Safety-related sensors used for the protection of persons – Part 3: Sensor technologies and algorithms



The product has undergone EC type-examination for safety function, with certificate SON-2408030 C001 V1R0, issued by exida IRL Ltd. (NB 2981), Gateway Hub, Suite 219-221, Shannon Airport House, Co. Clare, Ireland V14 E370.

The technical file is compiled by and available upon request from Sonair AS, Gullhaug Torg 2C, 0484 Oslo, Norway.

Product description

ADAR One is an ultrasound-based non-contact protective device (ESPE type 3 per IEC 61496-1) for detecting persons, body parts or hazardous objects within a configured protective zone. ADAR is used as part of a safety-related control system.

Declaration Statement

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

Signed on behalf of Sonair AS

Signed by:

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15 June 2026

Name: Knut Sandven

Position: CEO