

## Declaration of Conformity

Sensornet Ltd, located at 340 Centennial Park, Elstree, London, WD6 3TJ- United Kingdom.  
We hereby declare that the devices described below are in conformity with the directives listed.  
This declaration is issued under the sole responsibility of the manufacturer. In the event of unauthorized modification of any devices listed below, this declaration becomes invalid.

Type: Halo optical fiber distributed temperature sensor Product Models:

- SEN3-HL4

Is in conformity with the following standards in accordance with 89/336 EEC EMC Directive

- EN 55011 - Limits and methods of measurement of radio disturbance characteristics of industrial, scientific and medical (ISM) high frequency equipment
- EN 55022 - Limits and methods of measurement of radio disturbance characteristics of information technology equipment
- EN 60555-2 - Disturbances in supply systems caused by household appliances and similar electrical equipment 'Harmonics'
- EN 60555-3 - Disturbances in supply systems caused by household appliances and similar electrical equipment 'Harmonics'
- EN 50081-1 - Generic emission standard Part 1: Residual commercial and light industry
- EN 50081-2 - Generic emission standard Part 2: Industrial environment
- EN 55082-1 - Generic immunity standard Part 1: Residual commercial and light industry
- EN 55082-2 - Generic immunity standard Part 2: Industrial environment

The manufacturer also declares the conformity of above mentioned product with the actual required safety standards in accordance with LVD 72/23 EEC Directive

- EN 41003 - Particular safety requirements for equipment to be connected to telecommunications networks
- EN 50178 - Electronics equipment for use in power installations
- EN 60065 - Safety requirements for mains operated electronic and related apparatus for household and similar general use
- EN 60825-1 - Safety of laser products – Part1: Equipment classification requirements and user's guide
- EN 60950 - Safety of information technology equipment
- EN 61010-1 - Safety requirements for electrical equipment for measurement control and laboratory use – Part 1: General requirements

The manufacturer also declares that the Halo DTS product complies with the Essential Health and Safety Requirements contained in the European Union Directive 2014/34/EU, standards EN 60079-0:2012 and EN 60079-28:2015, for the design and construction of **II (3) G** [Ex op is T4 Gc] IIC equipment, which is intended for use in potentially explosive atmospheres. Internal certificate: SEN18ATEX001.

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications. The items comply with all applicable Essential Requirements of the Directives.

Mike Cowan

Date: 5<sup>th</sup> March 2018



Sensornet Limited  
340 Centennial Park, Elstree,  
Hertfordshire, WD6 3TJ, UK

T: +44 20 8236 2550  
F: +44 20 8236 2551  
E: enquiries@sensornet.co.uk  
W: www.sensornet.co.uk

**This is an Ex related drawing / document. It can ONLY be changed with the prior approval of the ATEX Representative**