

UK Certificate of Conformity

Manufacturer: **SST Sensing Ltd**

Address: **5 Hagmill Crescent, Shawhead industrial Estate
Coatbridge, North Lanarkshire, ML5 4NS, UK**



Equipment Type: **LLIS-XX-0X-ND. Intrinsically Safe Liquid Level Switch.**

On behalf of the above named company, I declare that under our sole responsibility, on the date that the equipment accompanied by this declaration is placed on the market, it conforms with all technical and regulatory requirements of the listed UK Regulations listed below and has been designed to be in conformance with the relevant sections of the following standards or other normative documents.

The Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016 (S.I. 2016/1107) as amended

Provisions of the Directive fulfilled by the Equipment:

Group II Category 1 G

G Ex ia T4 Ga

Ta -30 °C to +80 °C

Approved Body for Production (UKCA QAN):

Eurofins E&E CML Ltd., Newport Business Park, New Port Road. Ellesmere Port, CH65 4LZ, UK, Approved Body No. 2503

Approved Body for UKCA-Type Examination:

Eurofins E&E CML Ltd., Newport Business Park, New Port Road. Ellesmere Port, CH65 4LZ, UK, Approved Body No. 2503

Designated Standards Used:

EN IEC 60079-0:2018, EN 60079-11:2012

UK-Type Examination Certificate:

CML 22UKEX2016

The product is also in conformity with the following Standard(s) or Normative Document(s):

The Electromagnetic Compatibility Regulations 2016 (S.I. 2016/1091)

EN 55011:2016+A11:2020, *Industrial, scientific and medical equipment. Radio-frequency disturbance characteristics. Limits and methods of measurement*

EN61000-4-2:2009, *Electromagnetic compatibility (EMC) - Testing and measurement techniques. Electrostatic discharge immunity test*

EN 61000-4-3:2006+A2:2010. *Electromagnetic compatibility (EMC) - Testing and measurement techniques. Radiated, radio-frequency, electromagnetic field immunity test*

EN 61000-4-4:2012, *Electromagnetic compatibility (EMC) - Testing and measurement techniques. Electrical fast transient/burst immunity test*

EN 61000-4-6:2014, *Electromagnetic compatibility (EMC) - Testing and measurement techniques. Immunity to conducted disturbances, induced by radio-frequency fields*

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 – S.I. 2012 No.3032

Patrick Shannon, Technical Director

February 2023

Coatbridge, UK