



Don Electronics Limited
Westfield Industrial Estate
Kirk Lane, Yeadon, Leeds
West Yorkshire, LS19 7LX
United Kingdom

DECLARATION OF CONFORMITY

We, the undersigned, on behalf of Don Electronics Limited, hereby declare that the products listed below conform to the relevant provisions of the legislation, as well as pertinent clauses of the standards and other normative documents mentioned herein.

EQUIPMENT DESCRIPTION: **JUNCTION BOX with SENSOR NODE**
PRODUCT NAME: **HOTBOX-TN4**
INTENDED USE: **ELEVATOR MONITORING**

ATEX DIRECTIVE: 2014/34/EU ATEX – Electrical and Mechanical Equipment for use in Explosive Atmospheres.

CERTIFICATE No.: Baseefa09ATEX0231X

ISSUED BY: SGS Fimko Oy, Takomotie 8, Helsinki, 00380, FIN **CE0598**
(previously by: SGS Baseefa, Rockhead Business Park, Standen Lane, Buxton, Derbyshire, SK17 9RZ, UK **notified body no. 1180)**

CATEGORY: Ex II 2D Ex tb IIIC T125°C Db IP66 Tamb -20°C to +50°C

The following harmonized standards and other technical specifications were used in support of this declaration:
BS EN 60079-0: 2012 Electrical apparatus for use in the presence of combustible dust
Part 0: General requirements

Has been compared with

EN IEC 60079-0:2018 Explosive Atmospheres. Part 0 Equipment. General requirements

BS EN 60079-31: 2014 Equipment dust ignition protection by enclosure 't'

Essential Health and Safety Requirements of the above directives are conformed to using the standards listed and a review which shows the state of technological progress is not materially affected.

CONDITIONS OF USE

1. Do not allow dust layers to build up on this equipment.
2. Warning: Potential electrostatic hazard, clean only with a damp cloth.
3. Do not open when energised.
4. Do not open when flammable dust is present.
5. The plain entry holes shall be no larger than 0.7mm above the major diameter of the equipment/accessory thread. See Installation Instructions for details of the entry hole sizes, quantity and location. The entry holes shall be fitted with suitable cable glands or other suitable accessories such as breather/drains having an equipment certificate, that maintain the Ingress Protection rating of the enclosure.
6. Unused entry holes shall be fitted with suitable stopping plugs having an equipment certificate, or having a component certificate subject to the confirmation by the end user/installer of the ingress protection rating and the permitted service temperature of the component. The operating temperature range and ingress protection rating of the enclosure is limited to that of the stopping plug fitted.

EMC DIRECTIVE: 2014/30/EU
BS EN61000-6-1: 2007 EMC General Immunity Standard, Residential, Commercial, Light Industrial
BS EN61000-6-2: 2005 EMC General Immunity Standard, Industrial
BS EN61000-6-3: 2007+A1:2011 EMC General Emission Standard, Residential, Commercial, Light Industrial
BS EN61000-6-4: 2007+A1:2011 EMC General Emission Standard, Industrial

RoHS DIRECTIVE 2011/65/EU
Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Is Conformed To As Set Out In ANNEX II Of The Directive.

NAME: David Wheat

POSITION: Managing Director

SIGNED:

ISSUE DATE: 01.01.2021



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