



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: **BEARING TEMPERATURE SENSOR**
PRODUCT NAME: **MDB**
INTENDED USE: **CONVEYOR/ELEVATOR MONITORING TEMPERATURE MONITORING**

ATEX DIRECTIVE: 2014/34/EU ATEX – Electrical and Mechanical Equipment for use in Explosive Atmospheres.
CERTIFICATE No.: DE/COSC/190712

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 3D Ex tc IIIC T125° Dc IP65 T_{AMB} -40°C to +40°C

The following harmonized standards and other technical specifications were used in support of this declaration:
EN IEC 60079-0:2018 Explosive Atmospheres. Part 0 Equipment. General requirements
EN 60079-31: 2014 Equipment dust ignition protection by enclosure 't'

CONDITIONS OF USE

1. The power supply to the equipment shall be rated for a prospective short circuit current of not more than 10KA.
2. The supply to the equipment MUST NOT exceed +24VDC
3. If the supply leads are terminated in a hazardous area, the termination arrangement must comply with the Zone/Category/EPL of the hazardous area that it is to be installed.
4. Suitable certified connectors must be used with the sensors incorporating the Optional M12 connector.

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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