



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: **ROTARY SHAFT ENCODER**

PRODUCT NAME: **EFLEX1024**

INTENDED USE: **ELEVATOR MONITORING**

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

CERTIFICATE No.: CML 23ATEX3223X

CERT ISSUED BY: CML B.V., Chamber of Commerce No 67386717, Koopvaardijweg 32, 4906CV Oosterhout, The Netherlands, Notified Body Number 2776

CATEGORY: Ex II 1D Ex ta IIIC T₂₀₀100°C Da IP66 -30°C ≤ Ta ≤ +50°C

QAN ISSUED BY: SGS Fimko Oy, Takomotie 8, Helsinki, 00380, FIN **CE 0598**

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

IEC 60079-31: 2022 Equipment dust ignition protection by enclosure ‘t’

SPECIFIC CONDITIONS OF USE

1. The supply circuit of the system where the equipment is connected shall be protected by a suitably rated fuse capable of interrupting a prospective short circuit current of 1.5kA.
2. The Encoder Flex shall be connected to a suitable external earth via the mounting holes or via the mounting screws and a suitable ring crimp.
3. The integral flying lead/cable shall be terminated in a suitably certified enclosure or in a safe area.

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: 06.05.2025



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INTENDED USE: **ELEVATOR MONITORING**

UKEX Legislation – UKSI2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1).

Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016

CERTIFICATE No.: CML 23UKEX3224X

CERT ISSUED BY: Eurofins E&E CML Limited, Newport Business Park, New Port Road, Ellesmere Port, CH65 4LZ, United Kingdom, Approved Body Number 2503

CATEGORY: Ex II 1D Ex ta IIIC T₂₀₀100°C Da IP66 -30°C ≤ Ta ≤ +50°C

QAN ISSUED BY: SGS Baseefa, Rockhead Business Park, Standen Lane, Buxton, Derbyshire, SK17 9RZ

APPROVED BODY No:  1180

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EMC UK Legislation UKSI 2016:1091: Electromagnetic Compatibility Regulations 2016

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RoHS UK Legislation UKSI 2012:3032 The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Is Conformed To As Set Out In SCHEDULE 2 of UK Legislation, The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.

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