

1 **United Kingdom 'Ex' Conformity Assessment**

2 **Product Intended for use in Potentially Explosive Atmospheres
UKSI 2016:1107 (as amended by UKSI 2019:696)**

3 Certificate Number: **ExVeritas 21UKEX1161X** Issue: **1**

4 Product: **C5ExN - Restricted Breathing Case
Cx5 - Restricted breathing and dust protection case**

5 Manufacturer: **RINO SOLUTIONS LTD**

6 Address: Mill Granary
East Knapton, Malton
YO17 8JA United Kingdom

7 This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to. The assessments are recorded in ExVeritas project file number EXV3480A.

8 The product has been assessed against the following Standards and found to comply:


EN IEC 60079-0: 2018 **EN IEC 60079-15:2019** **EN 60079-31:2014**

9 If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

10 ExVeritas takes no responsibility for the validity of any information or data supplied by the manufacturer on which parts of the assessment may be based upon.

11 The marking of the equipment shall include the following:

 II 3 G Ex nR IIC T4 Gc T_{amb} -20°C to +40°C

 II 3 D Ex tc IIIB T135°C Dc T_{amb} -20°C to +40°C (applicable to Cx5 model only.)



No. 8613

On behalf of ExVeritas



S Clarke CEng MSc FIET
Managing Director

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Schedule

12 Description of Product

The C5ExN is a restricted breathing hazardous area case designed to fit the FLIR C5 Compact thermal imager.

12.1 Details of change:

The following changes are introduced in issue 1 of the certificate:

- Introduction of a new model Cx5 case which provides dust protection to allow use in hazardous dust atmospheres. Marking has been updated accordingly.

13 Descriptive Documents

13.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
R3480/A/1	21/01/2022	0	Initial issue of the Prime Certificate
R4155/A/1	29/09/2022	1	Issue of the first variation, see section 12.1 for details.

13.2 Compliance Drawings:

Title:	Drawing No.:	Rev. Level:	Date:
3131 - CAMERA CASE DETAILS	3131-A01-Master	04	13.01.22
1/LPP 683566 BE PCM WC with PCM and Wire Connector	723947	3	2019-06-10
C5ExN_Label_Drawing	C5ExN_Label_Drawing	B	11/01/22
Cx5 – Label Drawing	Cx5 – Label Drawing	A	16/08/22

14 Specific Conditions of Use

14.1 Special Conditions for Safe Use

- The equipment shall only be used in areas where there is a low risk of mechanical damage.
- Do not remove the charging plug in the hazardous area.
- Do not recharge in the hazardous area.

14.2 Routine tests

- The manufacturer shall conduct a routine test on each enclosure in accordance with one of the procedures detailed in clause 12.2.2.1.1 of EN IEC 60079-15:2019

15 Essential Health and Safety Requirements

Essential Health and Safety Requirements are addressed by the standards listed in section 8 and where required the report listed in section 13.1

The manufacturer shall inform the ExVeritas of any modifications to the design of the product described by this schedule.

Certificate: **ExVeritas 21UKEX1161X**

Issue **1**

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