

1 **EU - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU**

3 EU - Type Examination Certificate Number: **SGS21ATEX0096**
4 Product: **RC01 Infra-Red Controller**
5 Manufacturer: **Cable Systems Ltd**
6 Address: **2-6 Gawsorth Court, Risley Road, Birchwood, Warrington, Cheshire
WA3 6NJ, UK**

7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 SGS Fimko Oy, Notified Body number 0598, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No. **GB/BAS/ExTR22.0092/00**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN IEC 60079-0: 2018 EN 60079-11: 2012

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

11 This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the product shall include the following:

⊕ II 2 G Ex ia IIC T4 Gb (-20°C ≤ Ta ≤ +40°C)

SGS Fimko Oy Customer Reference No. **3388**

Project File No. **20/0504**

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Mikko Välimäki
Authorised Signatory for SGS Fimko Oy

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Schedule

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Certificate Number SGS21ATEX0096

15 Description of Product

The Infra-Red Controller IR900 is a battery powered, hand-held keypad with an infra-red LED emitter. The instrument is designed to control other instruments housed within certified flameproof housing through infra-red transparent windows.

The equipment comprises a nylon coated die-cast aluminium enclosure which houses a membrane keypad, printed circuit board, an encapsulated battery pack type B att001 and infra-red transmitter LED, which protrudes through the end of the enclosure.

16 Report Number

GB/BAS/ExTR22.0092/00

17 Specific Conditions of Use

None

18 Essential Health and Safety Requirements

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
1.4.1	External effects
1.4.2	Aggressive substances, etc.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
RC01	1 of 1	2	22/06/22	General Assembly
RC01 CD	1 of 1	-	13/05/21	Circuit Diagram
*RC001 Cert	1 of 1	-	27/06/22	Certification label
Batt001	1 of 1	2	22/06/22	ExMo Battery
6937	1 of 1	-	13/05/21	Parts List

The above drawings are common to IECEx BAS 22.0029 and SGS21ATEX0096.

This drawing is common to BAS22UKEX0117.