

1 **UK-TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**  
**UKSI 2016:1107 (as amended) – Schedule 3A, Part 1**

3 UK-Type Examination Certificate Number: **BAS22UKEX0117**

4 Product: **RC01 Infra-Red Controller**

5 Manufacturer: **Cable Systems Ltd**

6 Address: **2-6 Gawsworth Court, Risley Road, Birchwood, Warrington, Cheshire  
WA3 6NJ**

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

8 SGS Baseefa, Approved Body number 1180, in accordance with Regulation 43 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), 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 Schedule 1 of the Regulations.

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 UK-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations 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)**

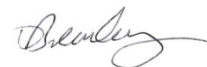
SGS Baseefa Customer Reference No. **3388**

Project File No. **20/0504**

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**SGS Baseefa Limited**

Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ  
Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601  
e-mail [baseefa@sgs.com](mailto:baseefa@sgs.com) web site [www.sgs.co.uk/sgsbaseefa](http://www.sgs.co.uk/sgsbaseefa)  
Registered in England No. 4305578.  
Registered address: Rossmore Business Park, Ellesmere Port, Cheshire,  
CH65 3EN



pp. D. Brearley

**R S SINCLAIR**  
**TECHNICAL MANAGER**  
On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number BAS22UKEX0117**

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 **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
21 (1)	External effects
21 (2)	Aggressive substances, etc.

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
<b>RC001</b> Cert	1 of 1	-	27/06/22	Certification label

For all other drawings see SGS21ATEX0096.