

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: **Baseefa19ATEX0061X**

4 Product: **Local Hand Station Unit**

5 Manufacturer: **Rotork Controls India Private Limited**

6 Address: **28B Ambattur Industrial Estate (North), Ambattur, Chennai, 600 098, India**

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, Notified Body number 1180, 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/ExTR19.0136/00**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0: 2018 EN 60079-1: 2014

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 :

Ex II 2G Ex db IIC T6 Gb ($T_{amb} = 20^{\circ}\text{C} \leq T_a \leq +70^{\circ}\text{C}$)

SGS Baseefa Customer Reference No. **7395**

Project File No. **16/0793**

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TECHNICAL MANAGER
On behalf of SGS Baseefa Limited

M POWNEY
Certification
Manager

13 **Schedule**

14 **Certificate Number Baseefa19ATEX0061X**

15 **Description of Product**

The Local Hand Station unit is rated at 24Vdc or 120Vac and 5W. It comprises of a back housing and front cover both fabricated from aluminium alloy LM25 material.

The front cover is secured to the back housing via 4 off M8 socket head cap screws forming a spigot joint.

Four indicator lamps, two selector knobs and one mushroom head emergency stop push button may be fitted on the front cover.

Internal to the back housing are 2 miniature relays and 10 terminals mounted to the base rail, which is screwed in to the bottom of back housing.

An O-ring seal is provided between the back housing and front cover to provide an ingress protection rating of IP68. The O-ring is secured within a groove within the front cover.

Four threaded cable entry holes of size M25 X 1.5P are provided on the back housing, as specified on the certification drawings, for the accommodation of flameproof cable entry devices, with or without the interposition of a flameproof thread adapter. Unused entries are to be fitted with Ex certified flameproof stopping plugs.

The cable entry devices, thread adapters and stopping plugs shall be suitable for the equipment, the cable, the conditions of use and shall be certified as Equipment (not a Component) under an EU Type Examination Certificate to Directive 2014/34/EU.

16 **Report Number**

SGS Baseefa certification report GB/BAS/ExTR19.0136/00.

17 **Specific Conditions of Use**

1. The manufacturer has maintained more stringent gaps than those required by the standard. The user must refer to manufacturer before carrying out any repairs or refurbishment to the equipment.
2. The fastening screws for cover shall be stainless steel socket head cap screws of property class A4-70 and yield stress 450 MPa.
3. Only manufacturer recommended grease to be applied on flamepath joint.

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
1.2.7	LVD Type Requirements
1.4.1	External effects
1.4.2	Aggressive substances

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
B7631	1 of 4	00	09/04/2019	Local Hand Station Assembly For IIC Application
B7631	2 of 4	00	09/04/2019	Local Hand Station Assembly For IIC Application
B7631	3 of 4	00	09/04/2019	Local Hand Station Assembly For IIC Application
B7631	4 of 4	00	09/04/2019	Local Hand Station Assembly For IIC Application

These drawings are common to, and held on, IECEx BAS 19.0050X.