



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEX Scheme visit www.iecex.com

Certificate No.: IECEX BAS 19.0050X Issue No: 0 Certificate history:
Issue No. 0 (2019-08-21)

Status: **Current** Page 1 of 3

Date of Issue: **2019-08-21**

Applicant: **Rotork Controls India Private Limited**
28B Ambattur Industrial Estate (North),
Ambattur,
Chennai,
600 098,
India
India

Equipment: **Local Hand Station Unit**
Optional accessory:

Type of Protection: **Flameproof**

Marking: **Ex db IIC T6 Gb (Tamb = -20°C to +70°C)**

Approved for issue on behalf of the IECEX
Certification Body:

R S Sinclair

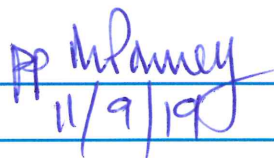
Position:

Technical Manager

Signature:
(for printed version)

M POWNEY
Certification
Manager

Date:


11/9/19

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEX Website](http://www.iecex.com).

Certificate issued by:

SGS Baseefa Limited
Rockhead Business Park
Staden Lane
Buxton, Derbyshire, SK17 9RZ
United Kingdom





IECEX Certificate of Conformity

Certificate No: IECEX BAS 19.0050X Issue No: 0

Date of Issue: 2019-08-21 Page 2 of 3

Manufacturer: **Rotork Controls India Private Limited**
28B Ambattur Industrial Estate (North),
Ambattur,
Chennai,
600 098,
India
India

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended.

STANDARDS:

The apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-1 : 2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[GB/BAS/ExTR19.0136/00](#)

Quality Assessment Report:

[GB/CML/QAR19.0023/00](#)



IECEx Certificate of Conformity

Certificate No: IECEx BAS 19.0050X

Issue No: 0

Date of Issue: 2019-08-21

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

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).

SPECIFIC CONDITIONS OF USE: YES as shown below:

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.