

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: **BAS22UKEX0262X Issue 0**

4 Product: **Series 200 Pressure Switch**

5 Manufacturer: **Delta Mobrey Limited**

6 Address: **Hudson House, Albany Park, Camberley, Surrey, UK, GU16 7PL, 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 United Kingdom Ltd. (formerly SGS Baseefa Ltd.), Approved Body number 1180, in accordance with Regulations 42 and 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 a confidential report identified in the revision table at item 20.

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


**EN IEC 60079-0:2018 EN60079-1:2014 EN60079-31:2014**

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 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 2GD**  
**Ex db IIC T4 (T<sub>amb</sub> - 60°C to + 80°C) Gb**  
**Ex tb IIIC T135°C (T<sub>amb</sub> - 60°C to + 80°C) Db IP66 and**

**Ex db IIC T6 (T<sub>amb</sub> - 60°C to + 40°C) Gb**  
**Ex tb IIIC T85°C (T<sub>amb</sub> - 60°C to + 40°C) Db IP66**

SGS Customer Reference No. **0279**

Project File No. **21/0515**

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*M Powney*

M POWNEY  
CERTIFICATION MANAGER  
On behalf of SGS United Kingdom Limited

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## Schedule

14

### Certificate Number BAS22UKEX0262X – Issue 0

#### 15 Description of Product

A Series 200 Pressure Switch comprising an enclosure, with threaded cover, manufactured in cast aluminium or cast iron. The cover is secured with an integral locking arrangement.

The interior of the enclosure is fitted with up to two micro switches rated up to 10A, 440 Vac or 1A 48 Vdc, with associated switch assembly and a terminal block. The switch assembly is mechanically linked to an externally mounted pressure or temperature sensing actuator by means of a stainless steel operating rod which passes through a stainless steel bushing screwed into the base of the housing and secured by a lock nut.

The optional addition of fault monitoring resistors in accordance with the certified scheduled drawings is permitted, with the apparatus rated up to a maximum of 30V d.c. In this form the enclosure is fitted with a label stating “Do not open when an explosive atmosphere is present.”

Cable entry holes are provided as specified on the certified drawings for the accommodation of suitable certified flameproof cable entry devices, with or without the interposition of a suitable certified flameproof adapter. Unused entries are to be fitted with suitable certified flameproof stopping plugs.

Suitable flameproof cable entry devices, thread adaptors and stopping plugs certified as Equipment (not a component) under an EU type Examination Certificate to Directive 2014/34/EU may also be used in the manner specified above.

This certificate covers the following alternative arrangements:

TYPE	SERIES
Pressure Switch	200 to 209, 230 to 239, 280 to 289
Differential Pressure Switch	300 to 309, 380 to 389
Temperature Switch	720 to 749, 760 to 769, 780 to 799
Flow Switch	131

#### 16 Report Number

See Item 20 – Certificate History

#### 17 Specific Conditions of Use

1. The flamepaths are not to be repaired.
2. Potential Electrostatic Charging Hazard. Clean only with a damp cloth.

#### 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
13	LVD type requirements
14	Overloading of equipment (protection relays, etc.)
21 (1)	External effects
21 (2)	Aggressive substances, etc.

## 19 Drawings and Documents

Other than for Issue 0, Drawings and Documents that are introduced at a new edition of the certificate are marked with an asterisk symbol:

Number	Sheet	Issue	Date	Description
14621	1	E	12/10/2021	Label Details

For all drawings see BAS01ATEX2426X latest issue.

## 20 Certificate History

Certificate No.	Date	Comments
BAS22UKEX0262X Issue 0	22 July 2024	<b>Prime Certificate</b> <b>Report Number: GB/SGS/ExTR24.0042/00</b> <b>Project Number:21/0515</b> <b>Original issue of the certificate</b>

For drawings applicable to each issue, see original of that issue.