



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres  
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa07ATEX0149/1**

4 Equipment or Protective System: **HS-100 Series Accelerometer**

5 Manufacturer: **Hansford sensors Limited**

6 Address: **Saunderton, Bucks, HP14 4JE**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa07ATEX0149 to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. **5943**

Project File No. **08/0758**

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

**Baseefa**

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**R S SINCLAIR**  
**DIRECTOR**  
On behalf of  
Baseefa



13

## Schedule

14

Certificate Number Baseefa07ATEX0149/1

### 15 Description of the variation to the Equipment or Protective System

#### Variation 1.1

To permit minor electrical changes to the apparatus resulting in the simplification of the terminal parameters as follows:

$$U_i = 16.5V$$

$$C_i = 41nF$$

$$L_i/R_i = 15.4 \mu H/\Omega$$

Note: The  $I_i$  and  $P_i$  figures are no longer required.

#### Variation 1.2

To permit other minor mechanical changes that do not affect certification.

### 16 Report Number

GB/BAS/ExTR08.0237/00

### 17 Special Conditions for Safe Use

None

### 18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

### 19 Drawings and Documents

Number	Sheet	Issue	Date	Description
HS100.M	1 of 1	A	11.11.08	HS-100 Schematic
P01.031	1 of 1	A	30.10.08	Connection PCB for HS-100I M12 or Cable + Fuse
P02.031.1	1 of 1	A	30.10.08	Connection PCB for HS-100 MF Cable Versions
P02.031.2	1 of 1	A	30.10.08	Connection PCB for HS-100 MF M12 Versions
M06-025-A	1 to 5	A	15.06.07	General Arrangement and Product Information for group I Fused Accelerometers