

1 **UK-TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**
UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1

3 UK-Type Examination Certificate Number: **BAS21UKEX0068**

4 Product: **C950*IS Series Pressure Meters**

5 Manufacturer: **Fluke Precision Measurement T/A Comark**

6 Address: **52 Hurricane Way, Norwich, Norfolk, NR6 6JB**

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 by UKSI 2019:696), 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. **21(C)0041**

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 1G Ex ia IIC T4 Ga**

SGS Baseefa Customer Reference No. **6164**

Project File No. **21/0041**

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R S SINCLAIR
TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

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Schedule

14

Certificate Number BAS21UKEX0068

15 Description of Product

The C950*IS Series Pressure Meters are portable self-contained battery powered instruments designed to measure and display pressure applied to the pressure ports.

The apparatus contains a piezo-resistive sensor which is secured to the pressure port block. The sensor is wired to the printed circuit board (pcb) which contains the keypad contacts and other electronic components, including an LCD display which may be provided with back lighting by LEDs. The pcb is housed in a hand-held plastic enclosure which has a separate compartment that contains a battery together with a pcb-mounted current limiting resistor.

Only a 6F22 zinc-carbon, zinc-chloride or Duracell type MN1604 batteries may be used.

The sensor may be filled with silicone.

The symbol * in the series C950*IS may be replaced by any character to denote a specific temperature range.

16 Report Number

21(C)0041

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
1.2.7	LVD type requirements
1.2.8	Overloading of equipment (protection relays, etc.)
1.4.1	External effects
1.4.2	Aggressive substances, etc.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
A1/CCT/11181	1 of 1	3	14/12/20	Circuit Diagram.
A3/LA/10202	1 of 1	10	26.10.11	C9500 Series Rear Label
A3/LA/10245	1 of 1	9	14/12/20	C9500 Series I.S. Rear Label

Baseefa03ATEX0079

These drawings are held with certificate Baseefa03ATEX0079. Additional drawings are also held with certificate Baseefa03ATEX0056. Refer to certificate Baseefa03ATEX0079 for details regarding these drawings.