

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 **Baseefa03ATEX0079 – Issue 8**  
Number:

3.1 In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

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 re-issued certificate extends EC Type Examination Certificate No. **Baseefa03ATEX0079** to apply to product 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.

8 SGS Fimko Oy, Notified Body number 0598, 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.

8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

The examination and test results are recorded in confidential Report No. **See Certificate History**

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 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:



SGS Fimko Oy Customer Reference No. **6164**

Project File No. **21/0041**

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**R S SINCLAIR**  
Authorised Signatory for SGS Fimko Oy

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13 **Schedule**

14 **Certificate Number Baseefa03ATEX0079 – Issue 8**

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**

New drawings submitted for this issue of certificate:

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

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
A1/GA/10199	1 of 1	8	19.04.10	C9500 Series I.S. General Assembly
A1/CCT/10198		4	22.12.95	Circuit Diagram
A2/PCL/10103		4	28.11.95	PCB Assembly
A2/PCA/10102, Sheets 1-3		4	09.01.03	PCB Artwork

Number	Sheet	Issue	Date	Description
*A2/PCA/6854	1 & 2	2	18.11.13	C9000 series I.S. Battery Connector Artwork
*A3/GA/6005		5	01.08.08	C9000 Series I.S. Battery Lead
*A4/CS/6006		3	28.02.03	Battery Lead Parts List
A4/LA/8317		3	14.01.93	Battery Type Label
A2/PCL/11182	1	2	27.02.12	C9500MK2 I.S. Series Pressure Instrument Component Layout
A2/PCA/11035	1 to 3	5	18.11.13	C9500MK2 Series I.S. Pressure PCB

\* These drawings are held with certificate Baseefa03ATEX0056

## 20 Certificate History

Certificate No.	Date	Comments
Baseefa03ATEX0079	08 April 2003	The release of the prime certificate. The associated test and assessment against the requirements of EN 50014: 1997 + Amndts 1 & 2, EN 50020: 2002 and EN 50284: 1999 and is documented in Test Report No. 02(C)0118 and held with project 02/0118.
Baseefa03ATEX0079/1	14 September 2004	To permit the introduction of an alternative micro processor and the associated circuit changes, to the C950* Series Pressure Meters. These changes do not affect the original assessment or the equipment coding. The assessment is documented in report 04(C)0569 and held with project 04/0569.
Baseefa03ATEX0079/2	16 April 2008	To confirm that the C950* IS Series Pressure Meters have been reviewed against the requirements of EN 60079-0:2006, EN 60079-11:2007 and EN 60079-26:2004 in respect of the differences from EN 50014:1997 + Amendments 1 & 2, EN 50020:2002 and EN 50284:1999 and that, with the exception of the marking code, none of these differences affect this equipment. No report was issued and the associated information was held with project 08/0174.
Baseefa03ATEX0079/3	31 October 2008	To permit minor changes to a drawing. No report was issued and the associated information was held with project 08/0756.
Baseefa03ATEX0079/4	25 May 2010	To permit minor changes to the drawings that do not affect the original assessment. No report was issued and the associated information was held with project 10/0370.
Baseefa03ATEX0079/5	06 December 2011	To confirm that the C950* IS Series Pressure Meters have been reviewed against the requirements of EN 60079-0:2009 in respect of the differences from EN 60079-0:2006 and that, except for the marking code, none of these differences affect the equipment. Additionally, the variation permits minor drawing changes that do not affect the original assessment. No report was issued and the associated information was held with project 11/0797.
Baseefa03ATEX0079/6	09 May 2012	To permit a minor change to the component layout drawing where the original assessment is not affected. No report was issued and the associated information was held with project 12/0413.
Baseefa03ATEX0079/7	12 February 2014	To permit a minor change to the PCB drawings where the original assessment is not affected. No report was issued and the associated information was held with project 14/0164.

<b>Certificate No.</b>	<b>Date</b>	<b>Comments</b>
Baseefa03ATEX0079 Issue 8	8 March 2021	<p>This issue of the certificate incorporates previously issued primary &amp; supplementary certificates into one certificate and confirms the current design meets the requirements of EN IEC 60079-0: 2018 and EN 60079-11: 2012 including the revision of the equipment marking in accordance with these standards.</p> <p>Furthermore, this issue of the certificate permits changes to the construction of the equipment in order to account for obsolete components used in the previous issues of the certificate. The assessment is documented in report number 21(C)0041 and held with Project number 21/0041.</p>
For drawings applicable to each issue, see original of that issue.		