



1 **EC TYPE-EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Certificate Number: **Sira 15ATEX1190** Issue: **0**

4 Equipment: **FlowPod**

5 Applicant: **Litre Meter Limited**

6 Address: **Hart Hill Barn  
Granborough Rd  
North Marston  
Buckinghamshire  
MK18 3RZ  
United Kingdom**

7 This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Sira Certification Service, notified body number 0518 in accordance with Article 9 of Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 60079-0:2012/A11:2013      EN 60079-1:2014      EN 60079-31:2014

The above list of documents may detail standards that do not appear on the UKAS Scope of Accreditation, but have been added through Sira's flexible scope of accreditation, which is available on request.

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC type-examination certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:



II 2 G D  
Ex db IIC T5  
Ex tb IIIC 80 °C  
Tamb = -20°C to +75°C

Project Number 70006282

C Ellaby  
Deputy Certification Manager

This certificate and its schedules may only be reproduced in its entirety and without change.

Sira Certification Service  
Unit 6, Hawarden Industrial Park,  
Hawarden, CH5 3US, United Kingdom



**SCHEDULE**

**EC TYPE-EXAMINATION CERTIFICATE**

**Sira 15ATEX1190  
Issue 0**

**13 DESCRIPTION OF EQUIPMENT**

The FlowPod is used to measure the flow of process liquids with the measurement electronics and display housed in the stainless steel enclosure body. The sensor assembly is contained in the meter cap which is connected to the enclosure body with a stainless steel union. The enclosure body is an Ex d certified IME Type 8080SM flameproof enclosure with certification Sira 07ATEX1331U which has two cable entries for the connection of suitably certified cable entry devices, adaptors or blank plugs. The FlowPod meets the ingress protection requirements of IP66/IP68 (2m) and is rated, 12 – 30 V, 2 W maximum.

**Remote Mounting Option**

The FlowPod enclosure body can be mounted remotely from the sensor with a junction box fitted in place of the FlowPod enclosure body on the meter cap. The stainless steel junction box is an Ex d certified IME Type 1080SM flameproof enclosure with certification Sira 09ATEX1023U.

**14 DESCRIPTIVE DOCUMENTS**

**14.1 Drawings**

Refer to Certificate Annexe.

**14.2 Associated Sira Reports and Certificate History**

Issue	Date	Report number	Comment
0	24 July 2015	R70006282A	The release of the prime certificate.

**15 SPECIAL CONDITIONS FOR SAFE USE (denoted by X after the certificate number)**

15.1 None

**16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)**

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

**17 CONDITIONS OF CERTIFICATION**

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira Certificates.

17.2 Holders of EC type-examination certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

17.3 The equipment covered by this certificate incorporates previously certified devices; it is therefore the responsibility of the manufacturer to continually monitor the status of the certification associated with these devices, and the manufacturer shall inform Sira of any modifications of the devices that may impinge upon the explosion safety design of the equipment.

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Hawarden, CH5 3US, United Kingdom

# Certificate Annexe



Certificate Number: Sira 15ATEX1190

Equipment: FlowPod

Applicant: Litre Meter Limited

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## Issue 0

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
K0013-CERT-001	1 of 1	F	8 Jul 15	FlowPod General Arrangement
K0013-CERT-002	1 of 1	C	8 Jul 15	FlowPod Arrangement
K0013-CERT-003	1 of 1	E	8 Jul 15	FlowPod Union Arrangement
K0013-CERT-004	1 of 1	B	8 Jul 15	FlowPod Arrangement
K0013-CERT-005	1 of 1	C	8 Jul 15	Junction Box Mount
K0013-CERT-006	1 of 1	A	8 Jul 15	Junction Box Mount

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