



1 **EU-TYPE EXAMINATION CERTIFICATE**

2 Component intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: **Sira 13ATEX9277U** Issue: **5**

4 Component: **68S Single Plane Swivel**

5 Applicant: **OPW Fuelling Components/ Fibrelite Composites Ltd**

6 Address: **Snaygill Industrial Estate
Keighley Rd
Skipton
N. Yorkshire
BD23 2QR
United Kingdom**

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

8 CSA Group Netherlands B.V. notified body number 2813 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of a component 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 13617-4:2012

10 The sign 'U' is placed after the certificate number to indicate that the product assessed is a component and may be subject to further assessment when incorporated into equipment. Any limitations of use are listed in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design and construction of the specified component. If applicable, further requirements of this Directive apply to the manufacture and supply of this component.

12 The marking of the component shall include the following:



II 2 G
EN 13617-4 Style 1



FLOW

Project Number 80090704

Signed: J A May

Title: Director of Operations

CSA Group Netherlands B.V.
Utrechtseweg 310, Building B42,
6812AR Arnhem, The Netherlands





SCHEDULE

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Sira 13ATEX9277U
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13 DESCRIPTION OF COMPONENT

The 68S Single Plane Swivels are non-vapour recovery single plane swivels, for use in fuelling applications, which are designed for high and standard flow applications respectively. Both are of Style 1 construction in accordance with Table 1 of EN 13617-4:2012.

The body for both types is constructed of aluminium. The swivel nut for both types is made from high carbon steel which is either nickel plated or suitably anodised, alternatively, it can be made from stainless steel. Threads are in accordance with Style 1 construction. The seal rings and 'O' rings are made of NBR, Fluorocarbon or Fluorosilicone depending on the fuel type that they will be delivering. The bearings are made from Acetal or Nylon. The contact ring is made of stainless steel and the retaining ring is either z anodised steel or stainless steel.

Variation 1 - This variation introduced the following change:

- i. A new, alternative design of the Single Plane Swivels was approved; in this design, the principle of the swivel mechanism is basically the same as that previously assessed, but the retention of the swivel has been changed to allow the method of construction to be modified. The new design also has different internal dimensions.

Variation 2 - This variation introduced the following changes:

- i. The OPW Fuelling Components (USA) address was removed from the certificates
- ii. Change name of component from 'AHS & ACS Single Plane Swivels' to '68S SWIVEL'.

Variation 3 - This variation introduced the following changes:

- i. Correction of component title in Section 4 of the certificate from 68S SWIVEL to 68S Single Plane Swivel.
- ii. Correction of Standard listing in Section 9 of the certificate from EN 13617-2:2012 to EN 13617-4:2012.

Variation 4 - This variation introduced the following change:

- i. To record a change to the applicant/manufacturer's name and address:

From	To
Dover CR Spol s.r.o (OPW Fuelling Components Europe) Prumyslav 4, 431 51 Klasterec nad Ohri, Czech Republic.	OPW Fuelling Components/Fibrelite Composites Ltd. Snaygill Industrial Estate Keighley Rd Skipton N. Yorkshire BD23 2QR United Kingdom

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

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14.2 Associated Reports and Certificate History

Issue	Date	Report number	Comment
0	06 November 2013	R30695A/00	The release of the prime certificate.
1	15 July 2014	R70006782A	The introduction of Variation 1.
2	10 October 2018	R70192596A	This Issue covers the following changes: <ul style="list-style-type: none">• EC-Type Examination Certificate in accordance with 94/9/EC updated to EU-Type Examination Certificate in accordance with Directive 2014/34/EU. <i>(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. Variations to such EC-Type Examination Certificates may continue to bear the original certificate number issued prior to 20 April 2016.)</i>• The introduction of Variation 2.
3	20 June 2019	R80004921A	The introduction of Variation 3.
4	31 October 2019	1851	Transfer of certificate Sira 13ATEX9277U from Sira Certification Service to CSA Group Netherlands B.V.
5	14 January 2022	R80090704A	The introduction of Variation 4.

15 SCHEDULE OF LIMITATIONS

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 MANUFACTURE

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

17.2 Holders of EU-Type Examination Certificates are required to comply with the conformity to type requirements defined in Article 13 of Directive 2014/34/EU.

17.3 Each component manufactured will be subject to the routine testing as described in clause 8 of EN 13617-4.

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Certificate Annexe



Certificate Number: Sira 13ATEX9277U
Component: 68S Single Plane Swivel
Applicant: OPW Fuelling Components/ Fibrelite Composites Ltd

Issue 0

Drawing No.	Sheets	Rev.	Date (Sira Stamp)	Title
206885	1 of 1	A	18 Sep 13	ASSY, SWIVEL AHS-2813-XX
206889	1 of 1	A	18 Sep 13	ASSY, SWIVEL ACS-2813-XX

Issue 1

Drawing No.	Sheets	Rev.	Date (Sira stamp)	Title
207707	1 of 1	A	30 Jun 14	ASSY, SWIVEL

Issue 2

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
207707	1 of 1	B	27 SEP 18	68 S Swivel

Issues 3 and 4 - No new drawings were introduced.

Issue 5

Drawing	Sheets	Rev.	Date (Stamp)	Title
207707	1 of 1	C	19 Nov 21	68S Swivel

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