

EU-Konformitätserklärung

EU-Declaration of Conformity

im Sinne der Explosionsschutz-Richtlinie 2014/34/EU, Anhang VI
analogous the explosion protection rule 2014/34/EU, attachment VI

für die
for the



SUCO – Ex – Druckschalter der Type
SUCO – Ex – pressure switch series



0165

Hiermit erklären wir, dass die SUCO-Druckschalter der o.g. Baureihe mit den Bestimmungen der Explosionsschutz-Richtlinie 2014/34/EU in der aktuellen Fassung gemäß Anhang II übereinstimmen, und mit den nachfolgend aufgeführten Normen entwickelt, geprüft und gefertigt wurde.

We hereby declare that the SUCO pressure switches of the above-mentioned series comply with the provisions of the Explosion Protection Directive 2014/34/EU in the current version according to Annex II, and have been developed, tested and manufactured in accordance with the standards listed below.

Die Druckschalter wurden unter EPS 23 ATEX 1 204 X zum Einsatz in den folgenden Zonen zugelassen:
The pressure switches have been approved under EPS 23 ATEX 1 204 X for use in the following zones:

Gas-Ex,
gas-Ex,

Kategorie 2G
category 2G

Zonen 1+2
zones 1+2

II 2G Ex db IIC T6 / T5 Gb

Die Druckschalter dürfen nur durch Fachpersonal installiert werden.
Die einschlägigen Sicherheitsvorschriften sind unbedingt einzuhalten.
Siehe auch Anlage EU Baumusterprüfbescheinigung.

*The pressure switches may only be installed by qualified personnel.
Observe the applicable safety regulations laid down by the regulatory bodies in the country of use. The relevant safety-rules must be observed.*

See also Annex EU Type Examination Certificate.

Angewandte Normen:

Used standards:

- EN IEC 60079-0:2018
- EN 60079-01:2014

CE Kennzeichnung seit / *CE-marking affixed since:* 2003

Die oben aufgeführten Produkte erfüllen die Richtlinie RoHS 2011/65/EU.
The above-mentioned products are in conformity with directive RoHS 2011/65/EU.

***Suco* Robert Scheuffele GmbH & Co. KG**
Keplerstraße 12-14
D-74321 Bietigheim-Bissingen

Bietigheim-Bissingen, 2025-01-14

i.A.

Matthias Fuchs, Atex Beauftragter
(Atex Representative)

i.V.

Jan Eberspächer, Technischer Leiter Drucküberwachung
(Technical Manager Pressure Monitoring)

UKCA-Konformitätserklärung

UKCA-Declaration of Conformity

Im Sinne der Richtlinie „Equipment and Protective Systems Intended for use
in Potentially Explosive Atmospheres Regulations 2016 No. 1107”
in regarding of the regulation “Equipment and Protective Systems Intended for use
in Potentially Explosive Atmospheres Regulations 2016 No. 1107”

für die / for the



SUCO – Ex – Druckschalter der Typen
SUCO – Ex – Pressure Switch Series

0165*



Hiermit erklären wir, dass die SUCO-Druckschalter der o.g. Typen mit den Bestimmungen der Richtlinie „Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016 No. 1107” in der aktuellen Fassung übereinstimmen, und mit den nachfolgend aufgeführten Normen entwickelt, geprüft und gefertigt wurden.

Die Druckschalter dürfen nur durch Fachpersonal im eigensicheren Stromkreis installiert werden.

Die einschlägigen Sicherheitsvorschriften sind unbedingt einzuhalten.

We hereby declare that the SUCO pressure switches of the above-mentioned types comply with the provisions of the regulation “Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016 No. 1107” and have been developed, tested and manufactured in accordance with the standards listed below.

The pressure switches may only be installed by qualified personnel. The relevant standards and safety regulations as well as the safety instructions in the operating manual must be observed.

Angewendete Normen / Applied standards:

BS EN IEC 60079-0:2018-07-09	Explosionsgefährdete Bereiche Betriebsmittel. Allgemeine Anforderungen <i>Explosive atmospheres. Equipment. General requirements</i>
BS EN 60079-1:2014+A11:2024	Explosionsgefährdete Bereiche. Teil1: Geräteschutz durch druckfeste Kapselung „d“ <i>Explosive atmospheres. Part1: Equipment protection by flameproof enclosures "d"</i>

UKCA-Kennzeichnung seit / UKCA marking affixed since: 2025

CE-Kennzeichnung seit / CE marking affixed since: 2003

Die aufgeführten Produkte erfüllen die Richtlinie / The listed products comply with the directive

Regulation 2016 No. 1107

Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016

Suco Robert Scheuffele GmbH & Co. KG

Keplerstraße 12 - 14

D-74321 Bietigheim-Bissingen

Bietigheim-Bissingen, 2025-02-20

i.A. Matthias Fuchs
Atex Beauftragter
Atex representative

i.V. Jan Eberspächer
Technischer Leiter Drucküberwachung
Technical Manager Pressure Monitoring

(1) **EU - Baumusterprüfbescheinigung**

(2) Geräte und Schutzsysteme zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen –
Richtlinie 2014/34/EU

(3) EU - Baumusterprüfbescheinigungsnummer

EPS 23 ATEX 1 204 X

Revision 0

(4) Gerät: Druckschalter Typ 0165*

(5) Hersteller: SUCO Robert Scheuffele GmbH & Co. KG

(6) Anschrift: Keplerstraße 12-14
74321 Bietigheim-Bissingen
Deutschland

(7) Die Bauart dieses Gerätes sowie die verschiedenen zulässigen Ausführungen sind in der Anlage zu dieser EU - Baumusterprüfbescheinigung festgelegt.

(8) Bureau Veritas Consumer Products Services Germany GmbH bescheinigt als benannte Stelle Nr. 2004 nach Artikel 21 der Richtlinie 2014/34/EU des Europäischen Parlaments und des Rates vom 26. Februar 2014 die Erfüllung der grundlegenden Sicherheits- und Gesundheitsanforderungen für die Konzeption und den Bau von Geräten und Schutzsystemen zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen gemäß Anhang II der Richtlinie. Die Ergebnisse der Prüfung sind in der vertraulichen Dokumentation unter der Referenznummer 23TH0380 festgelegt.

(9) Die grundlegenden Sicherheits- und Gesundheitsanforderungen werden erfüllt durch Übereinstimmung mit:

EN IEC 60079-0:2018

EN 60079-1:2014

(10) Falls das Zeichen „X“ hinter der Bescheinigungsnummer steht, wird auf besondere Bedingungen für die sichere Anwendung des Gerätes in der Anlage zu dieser Bescheinigung hingewiesen.

(11) Diese EU - Baumusterprüfbescheinigung bezieht sich nur auf Konzeption und Prüfung des festgelegten Gerätes gemäß Richtlinie 2014/34/EU. Weitere Anforderungen dieser Richtlinie gelten für die Herstellung und das Inverkehrbringen dieses Gerätes. Diese Anforderungen werden nicht durch diese Bescheinigung abgedeckt.

(12) Die Kennzeichnung des Gerätes muss die folgenden Angaben enthalten:



II 2G Ex db IIC T6...T5 Gb



Zertifizierungsstelle Explosionsschutz

Ulrich Feike

Türkheim, 01.04.2025

Bescheinigungen ohne Unterschrift und Siegel haben keine Gültigkeit. Diese Bescheinigung darf nur unverändert weiterverbreitet werden. Auszüge oder Änderungen bedürfen der Genehmigung von Bureau Veritas Consumer Products Services Germany GmbH.

(13)

Anlage

(14) EU – Baumusterprüfbescheinigung EPS 23 ATEX 1 204 X

Revision 0

(15) Beschreibung des Gerätes:

Der Druckschalter Typ 0165* in der Zündschutzart druckfeste Kapselung dient als Hilfsstromschalter in Signal-, Steuer- und Regelstromkreisen. Der Anschluss erfolgt über eine fest angeschlossene Anschlussleitung.

Technische Daten:

Spannung 250 V AC / 250 V DC

Strom 1 A / 250mA

Umgebungstemperaturbereich $-20\text{ °C} \leq T_{\text{amb}} \leq +70\text{ °C}$, Temperaturklasse T6

$-20\text{ °C} \leq T_{\text{amb}} \leq +80\text{ °C}$, Temperaturklasse T5

(16) Referenznummer: 23TH0380

(17) Besondere Bedingungen:

Die Anschlussleitung (Kabelschwanz) des Druckschalters ist fest zu verlegen und so zu errichten, dass sie vor mechanischer Beschädigung hinreichend geschützt ist.

(18) Grundlegende Sicherheits- und Gesundheitsanforderungen:

Durch Übereinstimmung mit Normen abgedeckt.

Zertifizierungsstelle Explosionsschutz

Ulrich Feike

Türkheim, 01.04.2025

EU - Type Examination Certificate

(1)

(2) Equipment and protective systems intended for use in potentially explosive atmospheres – **Directive 2014/34/EU**

(3) EU - Type Examination Certificate Number

EPS 23 ATEX 1 204 X

Revision 0

(4) Equipment: Pressure switch 0165*

(5) Manufacturer: SUCO Robert Scheuffele GmbH & Co. KG

(6) Address: Keplerstraße 12-14
74321 Bietigheim-Bissingen
Germany

(7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential documentation under the reference number 23TH0380.

(9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN IEC 60079-0:2018

EN 60079-1:2014

(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 annex to this certificate.

(11) This EU - Type Examination Certificate relates only to the design and construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.

(12) The marking of the equipment shall include the following:



II 2G Ex db IIC T6...T5 Gb



Certification department of explosion protection

Ulrich Feike



Tuerkheim, 2025-04-01

Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH.

(13)

Annex

(14) EU - Type Examination Certificate EPS 23 ATEX 1 204 X

Revision 0

(15) Description of equipment:

The pressure switch type 0165* in type of protection flameproof enclosure serves as an auxiliary current switch in signal, control and regulation circuits. The connection is made via a permanently connected connection cable.

Technical data:

Voltage: 250 V AC / 250 V DC

Power: 1 A / 250mA

Ambient temperature $-20\text{ }^{\circ}\text{C} \leq T_{\text{amb}} \leq +70\text{ }^{\circ}\text{C}$, temperature class T6

$-20\text{ }^{\circ}\text{C} \leq T_{\text{amb}} \leq +80\text{ }^{\circ}\text{C}$, temperature class T5

(16) Reference number: 23TH0380

(17) Special conditions for safe use:

The connecting cable (cable tail) of the pressure switch must be installed fixed in such a way that it is adequately protected from mechanical damage.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Tuerkheim, 2025-04-01



Ulrich Feike



UK - Type Examination Certificate

- (1)
- (2) Equipment and protective systems intended for use in potentially explosive atmospheres – UKSI 2016:1107 (as amended)
- (3) UK - Type Examination Certificate Number

EPS 23 UKEX 1 205 X

Revision 0

- (4) Equipment: Pressure switch 0165*
- (5) Manufacturer: SUCO Robert Scheuffele GmbH & Co. KG
- (6) Address: Keplerstraße 12-14
74321 Bietigheim-Bissingen
Germany
- (7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.
- (8) Bureau Veritas Consumer Products Services United Kingdom Limited, approved body No. 8507 in accordance with UKSI 2016:1107 (as amended) Part 4, certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Schedule 1 of UKSI 2016:1107 (as amended). The examination and test results are recorded in the confidential documentation under the reference number 23TH0380.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN IEC 60079-0:2018

EN 60079-1:2014

- (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 annex to this certificate.
- (11) This UK - Type Examination Certificate relates only to the design and construction of the specified equipment in accordance with UKSI 2016:1107 (as amended). Further requirements apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.
- (12) The marking of the equipment shall include the following:



II 2G Ex db IIC T6...T5 Gb



Certification department of explosion protection

Warrington, 06-05-2025



Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services United Kingdom Limited. EPS 23 UKEX 1 205 X, Revision 0.

Bureau Veritas Consumer Products Services United Kingdom Limited
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Birchwood, Warrington, WA2 0YL

Registered in England & Wales
Company Number: 00852439

ZERT-0003-GBR-ZE-EX-V03 / TEMP-0005-GBR-ZE-EX-V01



(13)

Annex

(14) **UK - Type Examination Certificate EPS 23 UKEX 1 205 X**

Revision 0

(15) Description of equipment:

The pressure switch type 0165* in type of protection flameproof enclosure serves as an auxiliary current switch in signal, control and regulation circuits. The connection is made via a permanently connected connection cable.

Technical data:

Voltage:	250 V AC / 250 V DC
Power:	1 A / 250mA
Ambient temperature	-20 °C ≤ T _{amb} ≤ +70 °C, temperature class T6
	-20 °C ≤ T _{amb} ≤ +80 °C, temperature class T5

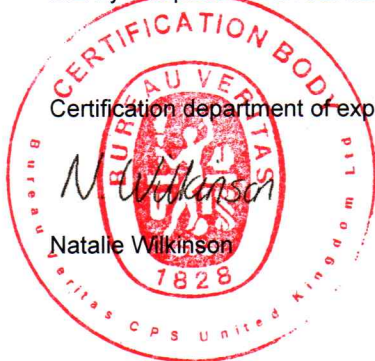
(16) Reference number: 23TH0380

(17) Special conditions for safe use:

The connecting cable (cable tail) of the pressure switch must be installed fixed in such a way that it is adequately protected from mechanical damage.

(18) Essential health and safety requirements:

Met by compliance with standards.



Certification department of explosion protection

Warrington, 06-05-2025

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Registered in England & Wales
Company Number: 00852439



(1) UK - Quality Assurance Notification

(2) for approval of the quality assurance of the product quality

(3) Equipment and protective systems intended for use in potentially explosive atmospheres –
UKSI 2016:1107 (as amended)

(4) Certificate number: **EPS 26 UKEX Q 204**

(5) Product Category: Electrical equipment and components

(6) Manufacturer: SUCO Robert Scheuffele GmbH & Co. KG

(7) Address: Keplerstr. 12-14
74321 Bietigheim-Bissingen
Germany

(8) Protection concept: i, d, t

(9) Bureau Veritas Consumer Products Services United Kingdom Limited, approved body No. 8507 in accordance with UKSI 2016:1107 (as amended), Part 4, certifies that the manufacturer maintains a quality assurance system for the product, which conforms with UKSI 2016:1107 (as amended) Schedule 3A, Part 5.

(10) This certificate is based upon the Audit Report No. 26TH0046_A1, issued on 2026-06-30 and is valid until 2029-07-21.

The certificate can be withdrawn if the manufacturer does no longer meet the requirements of UKSI 2016:1107 (as amended) Schedule 3A, Part 5.

The results of the quality assurance periodical surveillance or re-assessment will become part of the certificate.

The manufacturer is obliged to notify Bureau Veritas Consumer Products Services United Kingdom Limited of any changes to their quality system, ISO 9001 registration or other aspects upon which this Notification is granted.

(11) According to regulation 41 of UKSI 2016:1107 (as amended) the UK-marking shall be followed by the identification number 8507 identifying the approved body involved in the production control phase.



Certification department of explosion protection

Warrington, 20.08.2026

N. Farnworth

N. Farnworth



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(12)

Annex

(13) Certificate number: **EPS 26 UKEX Q 204**

(14) List of the UK-type examination certificates covered by the audit:

The production associated with the items listed on this schedule has been assessed by Bureau Veritas Consumer Products Services United Kingdom Limited and found to be compliant with Schedule 3A, Part 5 of the Regulations. Only items listed on this schedule are permitted to carry the Bureau Veritas Consumer Products Services United Kingdom Limited number 8507 adjacent to the manufacturer's UKCA mark.

Unit	Product	Type(s) of protection	Certificate
1	Pressure switch type 0165-*	db Gb	EPS 23 UKEX 1 205 X
2	Pressure switch types 0390-*/0396-* ; 0391-*/0393-*/0397-*	Ia Ma, ia Ga, ia Da	EPS 22 UKEX 1 223

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