



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX EPS 22.0042** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2023-08-03

Applicant: **SUCO Robert Scheuffele GmbH & Co. KG**
Keplerstraße 12-14
74321 Bietigheim-Bissingen
Germany

Equipment: **ATEX diaphragm pressure switch 0390 and 0396, ATEX piston pressure switch 0391, 0397 and 0393**

Optional accessory:

Type of Protection: **Intrinsic safety "i"**

Marking: Ex ia I Ma
Ex ia IIC T6 Ga
Ex ia IIIC T135°C Da

Approved for issue on behalf of the IECEx
Certification Body:

Ulrich Feike

Position:

Head of Certification

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





IECEX Certificate of Conformity

Certificate No.: **IECEX EPS 22.0042**

Page 2 of 3

Date of issue: 2023-08-03

Issue No: 0

Manufacturer: **SUCO Robert Scheuffele GmbH & Co. KG**
Keplerstraße 12-14
74321 Bietigheim-Bissingen
Germany

Manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[DE/EPS/ExTR22.0040/00](#)

Quality Assessment Report:

[DE/EPS/QAR20.0009/03](#)



IECEX Certificate of Conformity

Certificate No.: **IECEX EPS 22.0042**

Page 3 of 3

Date of issue: 2023-08-03

Issue No: 0

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The pressure switches, which are used as an accessory component in intrinsically safe installations, contain only a microswitch, which cannot impair the type of protection "intrinsic safety" of the interconnected circuit.

The potential-free microswitch (changeover contact) of the pressure switch, built into a metal housing with plastic cover, serves as a switching element for monitoring the pressure of liquid and gaseous media. When a preset pressure limit value is reached, the microswitch closes or interrupts the intrinsically safe circuit.

Ambient temperature range: $-20\text{ °C} \leq T_a \leq +80\text{ °C}$

Electrical data:

Maximum input voltage:	$U_i = 24\text{ V}$
Maximum input current:	$i_i = 50\text{ mA}$
Maximum input power :	$P_i = 500\text{ mW}$
Effective internal capacitance:	C_i negligible
Effective internal inductance:	L_i negligible

SPECIFIC CONDITIONS OF USE: NO