

EU-Konformitätserklärung

EU-Declaration of Conformity

Im Sinne der Richtlinie elektromagnetische Verträglichkeit 2014/30/EU
in regarding of the directive for electromagnetic Compatibility 2014/30/EU

für die / for the

**elektronische SUCO Druckschalter / Transmitter der Typen
electronical SUCO Pressure Switch / Transmitter Series**

0500 – 0501 – 0510 – 0511

0601 – 0602

Hiermit erklären wir, dass die SUCO Druckschalter und Transmitter der o.g. Type mit den Schutzanforderungen der Richtlinie 2014/30/EU in Bezug auf elektromagnetische Verträglichkeit übereinstimmen. Die Geräte dürfen nur durch Fachpersonal installiert werden. Die einschlägigen Normen und Sicherheitsvorschriften sowie die Sicherheitshinweise in der Bedienungsanleitung sind unbedingt einzuhalten.

Herewith we declare that the mentioned SUCO pressure switch and transmitter series complies with the requirements of the directive 2014/30/EU in according of the EMC. The devices must be installed by authorized, qualified personnel only. Observe the applicable standards and safety regulations laid down by the regulatory bodies in the country of use. The relevant safety-rules of the instruction manual must be observed.

Fachgrundnormen / Applied standards:

- **Störfestigkeit / Immunity:**

EN 61000-6-2:2005

Störfestigkeit für Industriebereich/ Immunity for industry areas

mit Grundnormen / with basic rules:

EN 61000-4-2

EN 61000-4-3

EN 61000-4-4

EN 61000-4-5

EN 61000-4-6

- **Störaussendung / emitted interference:**

EN 61000-6-3:2007

Störaussendung für Wohnbereich/
emitted interference for residential areas

mit Grundnormen / with basic rules:

CISPR 16-2-1

CISPR 16-2-3

CE-Kennzeichnung seit / CE marking affixed since: 2014

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, 2020-03-05

i.V. Martin Selzer

Leiter Qualitätssicherung / Quality Manager

i.V. Guido Hering

Leiter Entwicklung Drucküberwachung / Technical Manager



CE-marking and Declaration of Conformity
RoHS-Directive und WEEE-Directive

Latest updated status: 2020-05-25

RoHS II – Directive (ElektroStoffV) 2011/65/EU of 08.06.2011

Last amended by directive 2018 / 742 EU of 01.03.2018. all previous amendments have been complied with and are being applied.

Supplement RoHS III – 2020-205

on 16.01.2020 4 additional substances (see below) were added to the list of substances of concern

WEEE-Directive 2 (ElektroG) 2012/19/EU of 13.08.2012

Last amended 27.06.2017 and 31.12.2018.

This new directive will in future be listed in its own ElektroStoffV (Ordinance on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment).

The new WEEE Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE) came into force on 13.08.2012 and is now again listed as an independent directive in the ElektroG.

Confirmation:

SUCO Robert Scheuffele GmbH & Co.KG. confirms that in the manufacture of its products

- Pressure switches, vacuum switches, EX pressure switches, electronic switches
- Accessories (various plugs, protective caps, appliance sockets, double nipples and threaded adapters)
- Pressure transmitter, pressure transducer
- Centrifugal clutches, electromagnetic clutches

the limit values specified in the above directives are complied with after 2011/65/EU, article 4, paragraph 1 – Annex II

Exemption Regulation:

Annex III of the RoHS Directive grants exemptions from the restrictions set out in Article 4 and Annex II.

Exemption 6a allows a maximum lead content of 0.35% by weight for steel alloys.

Exception 6b allows a lead content of up to 0.4% by weight for aluminium alloys.

Exception 6c allows a maximum lead content of 4 % by mass for copper alloys.

Components made of brass have a maximum lead content of well below 4% and are therefore in conformity with the Directive.

RoHS III (SVHC substances) List since 2019

Substances either do not contain them or, if they do contain them, comply with the legal limits.

Bi (2-ethylhexyl) phthalat (DEHP), (< 0,1%)	Butyl Benzyl Phthalate (BBP), (< 0,1%)	Dibutylphthalat (DBP), (< 0,1 %)	Diisobutylphthalat (DIBP), (< 0,1%)
Diisohexyl phthalate (EC:276-090-2, CAS: 71850-09-4)	2-benzyl-2-dimethylamino-4, -morpholinobutyrophenone (EC:404-360-3, CAS: 119313-12-1)	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1one (EC: 400-600-6, CAS: 71868-10-5)	Perfluorobutane sulfonic acid (PFBS) and its salts (EC:--, CAS:--)

Furthermore, we confirm that the products subject to the CE marking are marked accordingly.

our products meet the requirements of the WEEE directive 2012/19/EU (ElektroG.)

further legal requirements are complied with if applicable.

SUCO is a participant in the IMDS (International Material Database System) of the automotive industry.

Our suppliers register there and inform us of all pure substances of the individual parts that they deliver to us.

Here you can immediately see which ingredients comply with REACH or ROHS, or for which ingredients there are exemptions according to ROHS 2011/65 EU.

As an end customer, you can also register there and make corresponding enquiries to SUCO.

The necessary proof documents to fulfil the legal requirements according to the European Directives 2011/65/EU and 2012/19/EU are prepared by us and kept ready for enquiries from the market surveillance authorities, or we have obligated our suppliers to do so.

The verification under this directive is carried out on the basis of harmonized standards, insofar as these are mentioned in the Official Journal of the European Union. If this is not the case, we will name the test bases used if necessary.

If you have any further questions, please contact us by E-Mail: schilling@suco.de .

Best regards

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

Bietigheim-Bissingen, 2020-05-25

i.A. Gerhard Schilling
 Hazardous Materials Officer

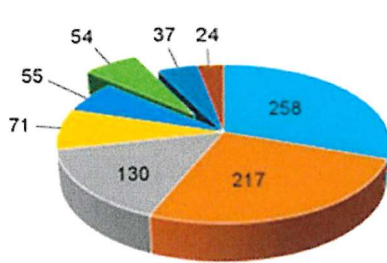


California Proposition 65 (CP65)
(Safe Drinking Water and Toxic Enforcement Act)

Last updated status 2020-05-25

The current Proposition 65 list contains 846 substances, which are updated once a year. (Status 2020-01-03)

These are subdivided into the following application areas specified in the CP65 list.



lightblue	=	Pharmaceuticals and cosmetics
Orange	=	Industrially used compounds – (applicable to SUCO)
Grey	=	Pesticides and plant protection products
Yellow	=	Pyrolysis products from organic materials
Blue	=	inorganic compounds
Green	=	food relevant compounds
Dark blue	=	compounds used for research purposes
Red	=	other connections

The list contains a wide range of substances, known to cause cancer, birth defects or other reproductive harms. For most of the substances, the list does not show specific limitation values to define the content of substances in a product.

Therefore, SUCO uses the following EU requirements of the RoHS directive for orientation to comply with CP65.

- RoHS II - Directive 2011/65/EU dated 08.06.2011. Last amended by Directive 2018/742/EU dated 01.03.2018.
- RoHS III - 2020 - 205, as of 16.01.2020

SUCO is also a registered member of IMDS (International Material Database System). Our suppliers are also registered here and inform us of all base substances of the individual parts we purchase from them.

IMDS immediately shows you the ingredients complying with REACH or ROHS, or any exemptions of ingredients according to ROHS 2011/65 EU.

Commercial end customers are entitled to be registered on IMDS to retrieve information from this database and can send written inquiries to SUCO to receive information about ingredients of our products via this database service

Note:

SUCO supplies its products usually to commercial end customers and direct delivery of products to private customers are currently not planned.

Result:

The comparison of the ingredients in our products with the CP65 list shows that the hazardous substances contained in our products comply with the law and do not exceed the maximum quantities specified in Directive 2011/65/EU.

If you have any further questions on this topic, please contact us by e-mail. - schilling@suco.de

with kind regards

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

Bietigheim-Bissingen, 2020-05-25

i.A. Gerhard Schilling
Health and Safety Office, hazardous goods and waste management

To whom it may concern

VK-K

20.11.2014

**SAFETY INFORMATION
FOR THE USE OF SUCO PRESSURE SWITCHES WITH OXYGEN**

To whom it may concern

Oxygen applications do require careful use and attention.

For the use with the media Oxygen, EPDM out of our diaphragm selection is suitable. For this type of EPDM, the federal Institute for material testing of Germany (BAM) has confirmed the resistance to internal ignition under oxygen pressure pulsation with their test report 8085/93.

Pressure switches in zinc-plated steel bodies are approved to a maximum oxygen system pressure of 10bar.

Pressure switches in brass bodies are approved to a maximum oxygen system pressure of 35bar.

Pressure switches in stainless steel bodies are approved to a maximum oxygen system pressure of 50bar.

Attention: For the use with oxygen, the applicable local and international laws and directives must be respected (e.g. in Germany regulations for the prevention of industrial accidents DGUV 500, chapter 2.32 and BGI 617)

With best regards

SUCO Robert Scheuffele GmbH & Co. KG



i.V. Jochen Kühner
International Sales Manager



i.V. Guido Hering
Head of Design and Development Pressure Monitoring