



Manufacturer's Declaration on the Potable Water Regulation for the Pressure switch series 0164, 0167, 0186, 0196, 0390 and 0396 with brass and stainless-steel housings and EPDM TW diaphragm SUCO number "5"

We, SUCO Robert Scheuffele GmbH & Co KG, herewith confirm, that all wetted parts (parts which are in contact with the media) of above mentioned pressure switch series, are suitable for drinking water.

The material used complies with the following requirements and guidelines:

➤ **Elastomer Guideline**

Complies with the requirements of the guideline for hygienic assessment of elastomers in contact with drinking water (cold and hot water) in the product group seals for pipes DN < 80 mm (includes 80 mm < DN < 300 mm and DN > 300 mm).

➤ **W 270**

Passed the material requirements according to DVGW worksheet W 270 in category D2 of KTW-Recommendation. The EPDM material was tested in accordance with LMBG (Foodstuffs and Commodities Act) Part 1.3.13 and Recommendation XXI and in accordance with KTW Recommendation Part 1.3.3 and Recommendation III and classified as safe for use in drinking water.

➤ **DIN EN 681-1**

Passed the material requirements for pipe joint seals used in water and drainage applications for cold and hot water according to DIN EN 681-1 Type WA/WB

➤ **WRAS**

„WRAS-Approved Product“ British Standard BS6920 / area of application: Cold- and hot water up to 85°C

➤ **ACS**

passed: ACS „French positives lists for drinking water contact“

➤ **NSF 61**

passed: NSF/ANSI Standard 61; Drinking water System Compounds – Health Effects

➤ **BAM**

Use in valves and fittings or other components for gaseous oxygen services at: max. 60 °C / max. 10 bar / ignition temperature 196 °C ±12 °C

➤ **FDA**

Complies with regulation 21 CFR 177.2600 of the US-american Food and Drug Administration (FDA)

➤ **Regulation (EC) 1935/2004**

Passed the migration and sensory requirements of the German Food and Feed Code (LFGB), the Federal Institute for Risk Assessment (BfR) XXI, Category 1, and Article 3 of Regulation (EC) 1935/2004 for aqueous, acidic, alcoholic and fatty food. (It is not permitted to use pressure switches of this series in conjunction with edible oils and fats; the use of dairy products with max. 8 % milk fat is permitted). The testing was done according to 82/711/EEC and 85/572/EEC and latest amendments at date of testing.

➤ **ADI-free**

Is free of animal derived ingredients (ADI) and do not contain any raw materials derived from bovine or animal sources.

➤ **USP – Chapter 87**

Has no cytotoxic effects in all extracts acc. To DIN EN ISO 10993-5 / USP 26, 2003, Chapter 87

➤ **USP – Chapter 88**

Complies with the requirements of "Class VI" (121°C), USP 26, 2003, Chapter 88

➤ **UL 94 HB**

Was tested by Testing Center UL International TTC GmbH according to UL 94 and is conform to flammability rating according to HB for test piece thickness < 3 mm and rate of fire < 75 mm/min. This test result does not include the registration at UL.

➤ **Material housing**

The stainless steels 1.4305 / 1.4404 used in the pressure switch series 0164, 0186, 0196, 0390 and 0396, as well as the brass CW625N used in the pressure switch series 0167 (with TW membrane SUICO identification "5"), are non-toxic and meet the strict requirements of the new Potable Water Regulation (TrinkwV). These materials are listed on the "Positive List of the Federal Environment Agency" (version as of January 11, 2023, considering the 3rd amendment), ensuring drinking water hygiene.

Bietigheim-Bissingen, August 22nd, 2024



p.p. Guido Hering

Technical Manager Pressure Monitoring