

Manufacturer's declaration

We,

Reed Electronics AG, Gewerbering 2, CH-6105 Schachen,

as the manufacturer, declare that the products

Magnetic switches in an explosion-protected design

Model: RCM-EX...

meet the explosion protection requirements.

The following standards are observed:

EN IEC 60079-0:2018

Explosive atmospheres – Part 0: Equipment – General requirements

EN 60079-11:2012

Explosive atmospheres – Part 11: Equipment protection by intrinsic safety 'i'

In accordance with Section 5.7 of EN 60079-11:2018, the products are "simple electrical apparatus".

The full designation is **Ex ia IIC T6...T4 Ga, Ex ia IIIC T135°C Da and Ex ib IIIC T135°C Db.**

The products do not have "their own potential ignition source" in accordance with Section 2 (1) of the Explosion Protection Directive 2014/34/EU (ATEX). They therefore do not fall under the ATEX directive in accordance with the Resolution of the European Commission of 6 and 7 February 2003 (reference number: ENTR/G/3/DE D(2003)).

The expert Ingenieurbüro SILZ, Buchtalstraße 11, 72461 Albstadt, Germany, confirms the aforementioned points with the certificate SILZ 21 EX 002 X.

The conformity assessment procedure thus does not apply. Our procedure is based on the conformity assessment procedure and is used as an alternative. This manufacturer's declaration has been issued in the place of a declaration of conformity.

Our quality management system is ISO 9001:2015-certified. Explosion-protected equipment is manufactured and tested in accordance with EN ISO/IEC 80079-34:2020-06. We inspect and test the intermediate manufacturing steps and each end product individually.

Schachen, 09.06.2021

Thomas Christen
CEO

