

Manufacturer Declaration



Herewith Bühler Technologies GmbH declares that the following products are not „equipment“ for the purpose of legislation **Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016** respectively, and therefore are not labelled with the UKCA mark.

Product: Temperature switches (sensor)
Types: TS/TÖ...-ATEX
TF...ATEX

This declaration is valid for all devices manufactured in accordance with the manufacturing documents deposited with the manufacturer – which form an integral part of this declaration.

According to EN 60079-11, the temperature sensors TF...-ATEX and temperature switches TS/TÖ...-ATEX are simple apparatuses intended for tank top mounting or (only Type TSA/TÖA) installation in tube systems and cooling matrices. According to this standard, this equipment is not subject to type approval and marking pursuant to legislation **Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016**. In case of intrinsically safe connection, they can be used in Zone 1 (group IIC) of ex-areas.
A comparable marking is: II 2 G ex ib IIC T4.
The equipment has to be installed by trained personnel. All safety regulations have to be fulfilled (e. g. EN 60079-14).

Parameters of the simple apparatuses:

$U_i = 30 \text{ V}$
 $I_i = 50 \text{ mA}$
 C_i, L_i negligible
Measuring current (Pt100) $\leq 1 \text{ mA}$

The object of the declaration described above is in conformity with the relevant designated standards:

EN 60079-11:2012

EN 60079-0:2018

This declaration of manufacture is issued under the sole responsibility of the manufacturer.

Ratingen in Germany, 01.11.2022

A handwritten signature in black ink, appearing to read 'Stefan Eschweiler'.

Stefan Eschweiler
Managing Director

A handwritten signature in blue ink, appearing to read 'Frank Pospiech'.

Frank Pospiech
Managing Director