



thermo-electra

temperature sensor solutions

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Thermowells in accordance with the 2014/68/EU (PED)

As stated in the 2014/68/EU Pressure Equipment Directive (PED) of the European Parliament and Council of 15th of May 2014 on the harmonisation of the laws of the member states relating to the making available on the market of pressure equipment:

All pressure measuring instruments placed onto the market in the EU with the maximum permissible pressure (PS) greater than 0.5 bar must comply with the PED. The application of thermowells in accordance with the 2014/68/EU Pressure Equipment Directive is written in the following text.

A thermowell is not a “pressure bearing housing” referring to the guideline A-40 of the PED, which states: the term pressure bearing housing refers to an envelope in which a fluid under pressure (PS>0.5) is contained or transported. When this is not the case, a thermowell is categorised as a component of an item of pressure equipment under the Pressure Equipment Directive.

Typical examples of components, which are not pressure accessories: level switches, flush mounted transmitters and thermowells.

As a thermowell is not a “pressure-containing equipment”, it is a component and as such a component, it does not comply with the definition for Pressure equipment in article 2 (1) of the PED. With acknowledgement of this fact, the thermowell does not have to have a CE marking.

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