

Title (en)
THERMOMETER

Title (de)
THERMOMETER

Title (fr)
THERMOMÈTRE

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Application
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Abstract (en)
[origin: WO2013007436A2] The invention relates to a thermometer, especially for determining the winding temperature of an electric power transformer. The invention is characterised in that, in a thermometer for determining the winding temperature of an electric power transformer, an electric temperature sensor, a mechanical temperature sensor and a heating element are arranged inside a coupling part formed from a heat-conductive material, and an insulating sleeve consisting of a thermally stable material is provided between an outer wall of the coupling part and an inner wall of the housing, the housing, the insulating sleeve and the coupling part forming a coaxial structure without leaving any air gaps such that thus definable heat transfers are generated between the individual components, namely the coupling part, the insulating sleeve and the tubular housing .

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