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Task The use of Pt-100 temperature sensors in intrinsic safe circuits

STATEMENT

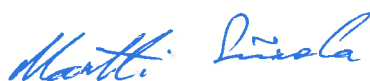
The Pt100 temperature sensors, types W-B..., W-C..., W-E..., W-F..., W-D..., W-A..., W-K..., W-H..., W-M..., W-BAJO..., W-M-303..., W-CABLE..., are considered as simple apparatus according to the standards EN/IEC 60079-11 and EN/IEC 60079-14 and need not to be marked as Exi-equipment.

Those sensors can be used together with the Exi-certified temperature transmitters, for example types PR 5331 D, 5333 D, 5335 D, 5337 D, 5350 B, 6331 B, 6333 B, 6335 D, 6337 D, 6350 B, and with Exi-certified associated apparatus, for example types PR 5104 B, 5106 B, 9106 B.

The installation of temperature sensor circuits shall be done according to the standard EN/IEC 60079-14 and the maximum temperature of the sensors shall be assessed according to the clause 12.2.5.2 of that standard.

Espoo 8.1.2014

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